## REPORT

OF THE

# INSPECTORS OF IRISH FISHERIES

ON.

# SEA AND INLAND FISHERIES OF IRELAND,

FOR:

1893.

Presented to both Bonnes of Parliament by Commond of Her Majesty.



## DUBLIN:

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## DUBLIS CASTLE.

22nd May, 1894

No. 6,279.

I have to asknowledge the receipt of your letter of the 19th instant, forwarding, for submission to His Excellency the Lord Lieutenant, the Annual Report of the Improstors of Irish Fisherics on the See and Inland Fisherics of Iroland for 1898.

I am. Sir.

Your obedient Servant

D. HARREL

The Secretary

To the Inspectors of Irish Pisheries.

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# REPORT

OF 1838

# INSPECTORS OF IRISH FISHERIES

OF THE

## SEA AND INLAND FISHERIES OF IRELAND, FOR 1893.

# TO HIS EXCELLENCY ROBERT OFFLEY ASHBURTON,

BARON HOUGHTON, K.P., P.C.,

LORD LIEUTERING-SEMERAL AND GENERAL GOVERNOR OF INCLASES.

## MAY IT PLEASE YOUR EXCELENCY.

We have the honour, in conformity with section 112 of the Act 5 and 6 Vie., esp. 106, to submit our Report for the year 1893, bring the twenty-fifth since the See and Inland Fisheries of Ireland have been placed under the superintendence of this Department.

### THE SEA FISHERIES.

# Vessels, Men, and Boys.

We find that 6,579 venue's and boats were sotually engaged in the See Fisheries in 1893, as compared with 6,871 in 1812. This shows an interact of 208, which cocurred amongst the 2nd and 3rd class boats. There were 24,001 mes, and 1,315 boys employed, showing increases over the previous year of 730 and 244 respectively. Of the venue's 357 were first class. £,859 second class, and 3,512 third class. Details are given in the Appendix No. 1, page 55.

#### IRISH BOATS ATTENDING THE SCOTCH FISHERY, &c.

The following number of hosts left Ireland during 1893 for other Fisheries:—
From Arklow.-0 First Class and 2 Second Class, . South Hering Fahery.

During the year ended 30th September, 1893, five fishermen were lost while engaged in fishing work. This does not include fishermen who were lost while carrying seaweed. or at other work not connected with fishing operations. Two 1st class, eight 2nd class. and three 3rd class hoats were also lost or destroyed, while one 2nd class and six 3rd class boats were damaged.

The following particulars of the casualties may be interesting:-

Proceeding southward along the coast from Dublin, the first easualty we most was that of a 2nd class boat, which broke from her moorings, and was smashed on the rocks at Seven Heads, County Cork. A 3rd class host was damaged on the heach in the neighbourhood of Castletownshend

A 1st class yearel caught fire in Bultimore Harbour one night when the crew were

ashore. The origin of the fire is not known. The hoat was entirely destroyed.

A man from Dingle hrought his cance to Smerwick to fish in July last. He left the poer at the latter place to go to Glassabog, for the purpose of getting another man to fish with him. There was a heavy swell on the foreshore of Glassaheg-the cance became

unmanageable here, and coming broadside on the rocks, capsized. The man clung to the rocks for a few moments, but a wave washed him off and he was drowned. His hody was recovered on the following morning. Five 3rd class boats were broken here during year by gales A man from Carrigabolt serving on hoard a fishing boat from that place, but craising

off Kerry Head, was dragged overheard while attempting to draw a bucket of water on deck. The vessel, which was travelling fast, rounded to as soon as possible, and a hout was launched, but no trace of the man could be discovered. A 2nd class hoat belonging to Ardmore, Kilkerrin, returning from fishing on the

30th May last, at 10:30 p.m., struck on a rock and sank half a-mile off Ardmore Point -Ope of the crew of 3 men in trying to swim to the shore, was drowned. The other two held on to the masthrad, which showed out of the water, and were taken off in an exhausted condition. The host was afterwards raised and renaired.

A new cance, belonging to Ardungrievagh, Tully, was washed away from the beach by an unusually high tide in March, 1893. On the 10th August last, a man fishing for mackerel, from some rocks off Ashleam Head, fell into the sea and was drowned. The weather was rough at the time, and

he adopted red fishing as no host could leave Ashlesm Cove. In the neighbourhood of Elly Bay a 3rd class host was broken on the rocks, past repair.

Near Malinbeg, on the 1st March, 1893, a hoat returning to land with a load of fish was capsized. One of the crow was drowned. The others were rescued. Two 2nd class hoats were destroyed at their moorings, one at Greenoustle, County

Donogal, and one at Shrove, County Donogal, on 31st August, last. Five 2nd class boats were lost in the neighbourhood of Moville, from want of shelter. They were anchored off the shore with hallast on hoard, and sudden storms

coming on caused them to fill and founder at their moorings. A 1st class boat, laid-up in Strangford Lough, was totally destroyed by fire in July last. The origin of the fire is not known, The following casualties also occurred amongst fishermen and boats, but not while

employed in work connected with fishing :-Off Rosslare (County Wexford), a hoat bought from the original owner, a fisherman,

for the purpose of carrying seawood, wee lost at this work. A fishing boat, used on the 15th August, last, as a pleasure hoat, was lost in the Shannon Estuary. All her passengers were drowned, amongst them the two owners,

who were fishermen. In the middle of May last, a beat engaged in gathering seaweed, on one of the small islands off the coast, in the neighbourhood of Blackaod Point, was swamped. One fisherhoy was drowned.

At Port Delick, Tory Island, on 15th August last, a host engaged in carrying provisions to the island, capsized. Two fishermen and a woman were drowned. A 2nd class bost, helonging to Burr Point, County Down, was lost while conveying building materials from Bolfast in January, 1898. Three men were drowned.

# STATISTICS OF FISH (EXCLUDING SALMON) LANDED.

According to the returns we have received from those places around Ireland from which we have been able to obtain information, the total quantity of fish (excluding shell fish) captured in 1893 was 780,965 cwts., valued at £290,518. In 1892 the shell fish; captured in 1805 was 750,505 ewas, values at 2250,518. In 1892 the corresponding figures were 606,426 cwts., and 4270,662. The former therefore shows an increase of 174,539 cwts., and £19,856. It will be seen that the increased value is not in proportion to the increased catch. The following figures will show at a glance a comparison of the takes on the different

coasts during the last two years. They are arranged consecutively for the years 1893 and 1892 :—North Coast, 41,184 owts. (£10,447), 37,925 owts. (£12,875); East Coast, 122,082 cwts. (£70,799), 100,598 cwts. (£65,940); South Coast, 333,162 cwts. (£110,489), 338,221 cwts. (£127,789); West Coast, 280,537 cwts. (£98,783), 129,682 cwts. (£64,058). The take was thus greater in 1893 on all cousts, except the South : the West

being more than double. Reducing the foregoing to average prices, we find that all the different descriptions

of fish taken together realised during 1893 and 1892 respectively-on the North Coast, 5s. 1d. and 6s. 9d. per cwt.; on the East Coast, 11s. 3d. and 13s. 1d. per cwt.; on the South Const, 6s. 8sf. and 7s. 7sf. per cwt.; and on the West Const, 7s. Id., nearly, and 9s 11d. per cwt.

Referring to the statistics for 1893, we find that the total quantity captured is made

un as follows:-Turbot, 1,465 ewts. (£5,310); Soles, 2,719 cwts. (£9,117); Mackerel. 467,560 owts. (£152,512); Herrings, 105,606 owts. (£30,952); Cod, 41,664 owts. (£18.873) : Ling. 17.775 cwts. (£7,603) : Hake, 38,973 cwts. (£15.508) : Haddock, 22,104 owis. (£14,401); Whiting, 16,898 cwts. (£7,634); Sprats, 1,914 cwts. (£212); all others except shell fish, 64,287 owts. (£28.496).

The turbot shows an increase in capture of 44 cwts. over that of the preceding year, Turbos, and in the amount vasilsed of £799. The averages for the two years would be £3 11s. 2d. and in the amount realised of 2799. The averages for the two years would be £3 11s. 2d. per cwt. and £3 2s. 1d. per cwt. The different coasts yielded respectively in 1898 and

1892 :-- North, 76 cwts. and 41 cwts. ; East, 546 cwts. and 572 cwts.; South, 114 cwts. and 100 cwts.; West, 429 cwts. and 708 cwts.

The total quantity of soles captured (2,719 cwts.) shows a very considerable falling off 8-les. over 1892 (3,859 cwts.), and the amount realised was £5,631 less. The average prices for the two years were—(1898) £3 7s. Id. per cwt., and (1893) £3 16s. 5d. per cwt. The different counts yielded respectively in 1893 and 1892 :—North, 161 cwts, and 137 cwts.; East, 1,123 cwts, and 1,312 cwts.; South, 467 cwts, and 557 cwts.; West, 968 cwts.

and 1.853 cwts., while the average prices per cwt. wcre-North, £2 19s. 9d. and \$2 18s. 10d., East, £2 16s. 8d. and £3 1s. 4d., South, £3 12s. 8d. and £3 10s. 1d., and West, £3 17s 8d and £4 10s 4d. The mackerel taken in 1893 shows an increase of about 145,713 cwts over that taken Machani. in 1892, and realised about £19,932 more. More than half was taken on the South

Coast, and almost the entire balance on the West Coast (nearly three times as much as in 1892); the East Coast only furnishing 3,550 owts, and the North Coast

The total quantity, 105,606 cwis. (£20,952), of herrings showed an increase of 9.317 However,

outs. over 1892, but a decrease of £338. The eatch was divided amongst the coast as follows:—North, 24,832 outs. (£4,724); East, 26,111 outs. (£12,723); South, 18,612 outs. (£2,90); Weet, §2,051 outs. (£7,215). Compared with 1892, the North Coast vorus (πορωνα); vrent, πορωνα (πορωνα). Compared with 1 tors, too North Cossat; yielded 10,422 ewin, more, the East Cossat, 11,019 evits, more, the South Cossat, 21,710 ewis, less, and the West Cossat, 9,386 ewis, more. The average prices per ewit, for 1889 and 1832 were—for the North Cossat, 83, 10d. and 4s. 8d; East Cossat, 7s. 1d. and St. 11d.; South Coast, Sr. 9d. and St.; and West Coast, Sr. Srl. and St. Srl

The amount of cod (41,664 cwts.) taken in 1893, shows an increase of 4,750 cwts. Cos and £1,636 over the preceding year. The average prices per cwt. were (1893) 3a. 1d., and (1892) 9s. 4d. Last year and the preceding one the different coasts yielded respectively-North, 3,051 ewts. and 5,213 cwts.; East, 21,063 cwts. and 17,992 cwts.; South, 3,606 cwts. and 3.353 cwts.; West, 13.944 owts. and 10,356 cwts. The average prices obtained last year on these coasts in the order hefore given were - 6s 4d., 11s. 6d., 10s. 8d., and

The amount of ling (17,775 owts.) taken in 1893, shows a decrease of 2,098 cwts. and Ling £71 compared with the preceding year. The average prices per cwt. were-(1893)

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### REPORT OF THE

as 7d, and (1990) 7. 8d. The different coats yielded respectively in 1983 and 1982— Noval, 1392 orts, and 1,595 orts; East, 6721 orts; and 4,670 orts, 1884, 647 orts, 1884, 1,482 orts, and 4,582 orts; West, 6,210 orts, and 9,239 orts. The average prices obtained last year on these coasts in the order before given were—5, 5d, 10s, 8d, 8c, 10d, 6s, 5d.

The account of hale (88,973 orts,) taken in 1893, shows a very considerable increase.

when compared with that of 1892 (19,956 crisk), and the moment realized was \$4,750 mer. The average prices per ever were—(1893) [8, and [1892] 10-10. The difference counts yielded respectively in 1893 and 1892; North, nil, nil; East, \$5,99 orts, and \$5,078 orts; [West, \$3,250 orts, and \$5,875 orts; [West, \$3,250 orts, and \$5,875 orts; [West, \$3,250 orts, and \$1,357 orts; [West, \$3,250 orts, and \$1,357 orts.]

The average prices per out obtained last year on these coasts in the order before given were—all, 156 orts, 71, 116, 88 orts.

Hateto: The semograt of Indicides (22,104 evets, 1) taken in 1893, shows a docreasor of 3,465 ovets, and 12,285, compared with the proceeding year. The average prices per cent were—(1892) 134, and (1892) 125. 5d. The different counts yielded respectively in 1893 and 1892—1894, but 1, 257 evets, and 2,517 evets, and 2,517 evets, and 2,517 evets, and 2,517 evets, and 2,517, and 1,918 evets and 1,918 evets. The revenue prices obtained to the country of th

WMinr.

Spests.

obtained from the collectors.

The success of whiting (1.680 cuts) takes in 1819, shows an increase of 1.280 cuts and 4.545 cuts take for he presenting year. The overage prices per cut. rever—(1.820) ss, and  $(199) \text{ bs} \cdot 1.4$ . The difference coasts yielded requestively in 1850 and 1000 --keV in 3.4 and 1000 --keV in 1850 and 1000 --keV in 4.4 decrease which we have the second of the s

average priors per cut were—(1939) 5. 3d., and (1929) 1s. 1d., The yield was divided between the South Conta-1,442 erist, (2159) and the West Conta-690 orist, (254). In 1932 the South Const yields 0,544 eris. (2959), and the West Const, 56 erist, (237). South Const yields 0,544 eris. (2959), and the West Const, 56 erist, (237). The contact of the Constant of the C

erodited with 231,050; overlam are estimated to value 26,770; or this value £4,000; and the balance (cockles, periwinkles, mnessle, &c.) value £14,170.

A comparison between 1893 and 1892 is not made in regard to shell fish, become the figures relating to the latter year were obtained only from collectors of statistics, while additional information has been obtained in researct of 1893, and has been added to that

LOANS.

We received during the year 125 applications from 153 persons for loans amounting to 53,578 4s. Of these we recommended 102 to 121 persons, to the amount of £2,516 4s. The sum setually issued during the year was £2,507 15s. 6d.

Amongst the larger sams the loan of which we recommended there were three in the county Cork of £100 each, to eachle persons to purchase nets, and one of £200 for

county Cork of £100 each, to enable persons to purchase nets, and one of £200 for repairing a beat and obtaining gear.

In Dublin a loan of £100 was recommended to enable horrower to purchase a punt and sear, and another of £80 to recair a trawler.

In Limerick £340 was recommended for the purchase of a boat and gear.
In Londonderry £50 for the like purpose.
In Many £50 was recommended to apply a best to be received and goal.

In Mayo 250 was recommended to enable a boat to be repaired, and goar to be obtained. In Wicklew £300 for purchase of a boat and goar.

According to a statement received from the Board of Works, the total advanced up to the Sitt December, 1893, out of the £50,000 reserved under the Purchase of Land and Congested Districts (Ireland) Act, 1891, for administration by us, was £5,749 15s 65,

The other Loans were under £50 but not less than £5.

for which promissory notes (to cover principal and interest) for £6,283 194, 4d, were signed by the borrowers. The repsyments to same date were £1,330 5x 1d; the outstanding promissory notes not arrived at maturity £4,760 is 11d.; and the arreure £1,33 12x 4d.

At the beginning of the year the fund consisted of £17,000 in Government Stock; £1,382 9s. cash, and outstanding promissory notes, £3,168 6s. 10d., while at the termination thereof the amount in Government Stock; remained unaltered. The cash was £333 19s. 9d., and the outstanding promissory notes £4,503 14s. 3d.

£333 12s. Val., and the outstanding promisory notes €4,505 14s. 3d.
The particulars relating to the different counties will be found in the appendices pages 82 and 83.

### PIERS AND HARBOURS

In our report for the year 1885, we gave returns to the following effect:

1. The wane allocated from the Sea Finherica Fand of £250,000, granted by the Act
48 4 7 Vic. a 26, out of the Irish Church Fund, for the purposes of each works
in the several constites.

2. A list of the applications received for grants for constructing such works.

3. The particular plors or harhours on which grants were recommended, together

with the amounts of the estimates for such works, and the sources from which such amounts were to be made up.

4. The works recommended, the estimates for such, the amount of the contracts where contractors had been obtained, the date for completion of work, and the date occupieted.

5. The counties from which cash contributions were received towards certain works, the grants and the loans sanctioned to complete the engineer's estimate.
6. The counties from which no cash outerbulbons were received, and the amounts of

6. The counties from which no cash contributions were received, and the amonats of the grants and leans santiened to nake an engagineer's estimate.
7. A summary showing the total estimates for works recommended, and the manner

in which these amounts were previously to so and estimates or warrax recommended, and the manure in which these amounts were previously by each contributions, grants, and loans, after reserving out of the £250,000 a sum of £20,000 for expenses; and a summary of the allocation of the time of £250,000.

We continue Return No. 3, with additional particulars received from the Board of Works, made up to the 31st March, 1894. See Appendix No. 12, pages 84 and 85.

## SPRING MACKEREL FISHERY.\*

The spring fishing of 1893 presents some points of special interest. The account of the control of the special points of the vect of freshed to fish every night while the ensume lasted; but on the south count the events/vivokim washer proved a disadvantage on many occasions, and over-day fish were not unnounned. Though the mouth unreceding the machine-lessed season was much warment than the

corresponding month last year, the sex temperature showed but little advance in comparison. On the west coast it attained 50° only 48 hours exciler than in 1892, and the main fielding by large basts on the south and west opened on the 4th of April fast and of on the 6th, as in 1892. Previous to this date come macketed were cought, shiely by cances and row locats.

Lent was over before the fishing begau, and the Easter holidaya, with their usual markes depressions, influenced the opening prices. The amount of fail expired in April heirig more finat wires an great as that caught in the same menth of 1892 also depressed prices in that portion of the season when high prices might have been expected.

The boats engaged to buyers at contract prices consequently came off better, as a rule, than those depending on the open market; and, in some course realized large cons.

The English buyers, with very few exceptions, formed themselves into a synthesis and contracted with a loop number of boats which fished for them from Contractors and contracted with a loop number of boats which fished for them from Contractors.

and contrasted with a large number of beats, which fished for them from Carlietownsend to the Arran Islands.

Three Manx co-operative associations also fished in Kinsale, Castletownsend, Crookhaven, and Fenits; and cent their own fish to English narkets. Fish from the

Arran Islands wan similarly disposed of by the agent of the Congested Districts Board.

\*This setten was lead as as of sected figure of the payment, 1988, set is only reprint here.

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The fishery on the west coast was remarkably good-Fenit heing the port from which the largest amount was despatched, and where most money was made by

individual boats. The amount of fish despatched by railway far exceeded the smount thus despatched in former years. This was owing chiefly to the fact that nearly all the Arma Island fish, and a targe proportion of that landed at Penit, were sent said Dublin. The amount was so great that not only were special trains necessary, but the London and North Western Co. had so put on special steamers at the North Wall Station. Complaints were made that serious delays occurred at Holyhead. The railway officials, however. made great efforts to get the fish through, quiesdy; and no doubt greator facilities will be provided next sesson. At Galway, the Midland Great Western Railway Company made new sidings to the dock, so as to isolitate the landing of fish. Since the close of the spring fahing two new lines of rullway, touching deep water, have been opened, v.z., one to Valencia in Kerry, and one to Killybegs in Donegal. The former will no doubt be availed of; and although the spring macketel fishing has not been yet attempted so far north as Donegal Bay (except by a few cances on the Mayo coast). Killyliegs may yet become a port for despatch

While noting the unconsful sesson of 1893 on the west coast, it is to be regretted that the fishing at the old centres of the trade on the south coast was not what might have been expected. Calm weather, and the small size of the fish captured, had much to say to the failure; and many boats in the large Scets which worked from Kinsale

and Baltimore had to return home without paying their expenses. It may here he well to remark that no general concursion should be drawn from such an exceptional year's fishing. The weather on the west coast was, as has been stated, unusually fine; and, when plans for next senson are being formed, this must be horne in mind, as should also the migrations of fish which, although certain in some ways, are in other respects as nacertain as the weather.

The total number of boxes, of about 60 fish each, captured amounted to 234,862 and the total value to £105,649. This would give an average all round of about 9s. per box.

The following number of boats attended the Spring fishing: - English, 37; Scotch. 9; Manx, 230; French, 93; Irish, 1st class, 233. 2nd ., 60.

3rd , 809 (including curraghs). A table showing particulars of the fishing curried on at the different places round

the coast, will be found in the Appendix, No. 3, pages 58 and 59. The following is an extract from the Report for 1893, published by the Boston

Fish Bureau :-" PREST MACKERS.

"One fresh markered the first of the season was resolved from Cope Cod on Saturday, May 19, which weighted 24 pounds and soil at \$1.50. The first macketed from Cape Cod the provious year serviced April 31, and soil set seventy-five cents. The first macketed from the coast of Nova Scotia, near Yarmenth, May 15; the previous year May 11.

any 10; as previous year.

"The first first macked received four New Scotia were nearly all large fish weighing 1½ pounds in weight and remains 10 th to an iced learnd. The week ending June 2nd, 4,000 barrels of fresh macked-acrost from Yamacoth, also of which were make as 6 cents and "The first of July some of the market Schermen made butle of from 10 to 75 barrels of maskered between Cape Cod and Cape Ann, for which they received 49 for small and 10 cents for large."

# AUTUMN MACKEREL FISHERY.

Mackerel are captured in the antumn all round Ireland, and form a cheap article of food, which is sold fresh in the local markets, or salted for winter use. It is, however, on the south-west coast, where the fish are usually larger and in greater schools than on the east coast, that the fishery is prosecuted on an extensive scale, and curing for export to America is carried on. During the past year, mackerel were cured at Kinsale

and westwards, at almost every suitable locality, as far as Tralee Bay. A little was also done in the Aran Islands, and on the north coast of Mayo. The districts most resorted to for this trude are the promontory between Bantey Bay and the Kenmare River, where about 18,000 barrels were rured, and where about 200 men and boys and 400 women and girls found employment in cleaning and pickling

the fish; on the Dingle peninsula, where between 11,000 and 12,000 barrels were carred; and the ports of Glandere, Castletownsend, Baltimore, and Port Magoe, where a brisk trade was carried on.

The year that he join passed will long be remembered as an expectacily productive one, no far we the understeel fisheries are concerned, and the action for a remoded the expectations of the numbers that the sale of their count in his been impetible by its great quantity. In 1819, 18,00 hours of pickels mackets were prepared for the American market. In 1839 there were no last that 1,1932. In first, the compared of the configuration of the number of the contract of the contract of the contract of the contract of the intervey. The benefit of the not the local information and contract of the cover, we will the rends are detained of, must remain as markets.

The dependence of this ouring trade on the American demand reeders it advisable to take a glance across the Adantic and see what the conditions are over there. The year that has just closed has been in the United States one of great commercial

depression—71 Railways have passed into the hands of receivers, 200 National Banks and private institutions have stopped symmet, and it would be impossible for that depression not to affect the price of all commodities, and suncept others the fine see there from Ireland.

As we have described in former Reports, the demand for Irish mackerel depends in

the first place on the failure of the American nuclears fishery. When this fishery was at its height, the United States consumed in one year, 91,642 laturals of maskers, of which the greater parts were enaglit on the New England count, the remainder coming one Nova Stotist and Priess Edwards Island. During the past veriew months, one of the State of the

Ireland, as we can see, may furnish about 50,000 buyrels, and Norwegian curers may send 11,000 to help to meet the requirements of the American people, but all this comos short of what that population might easily consume.

As one of the large Batten firms has constantly pointed out, one set of people in America look for pickled mackerel as a luxury, and will have nothing but the best; the other, which in by far the largest, will not have it unless it in cheap.

By the former section, Norwegian mackers has been extensed most highly, recursively each siline, per learn and brighty an unusual price. The right ship, though the recursive strength of the period of the period of the period of the high tariff is control. In the period in America, the course of the period of

The new Tariff Bill, known as "The Wilson Tariff Bill," will, if it becomes law, reduce the duty on Salt Mnokerel by 50 cents. Up to the present this excellent form of food finds no sale in the British markets,

but we are taking steps to see whether it may not be possible to open up now markets for it on the Continent.

Turning to the fresh fish trade as carried on in the autumn fishery, some points of

special linears have to be noted. The despited of actives mecken's to the folgish markets, which a few years since was almost thin better cataly increase. The agencing of railways to the vest coach as given a field using which presents the present of the coache of the

were only tried this year. The improvements being carried out by the Congested Destricts Board will afford new facilities for landing fish in this district. All the extensions of railways on the south-west coast have been helpful to the

fish trade. The West Clare line has also offered new facilities. And it is to be hoped that the stimulus given to the fishery by the railway to

Killyhees may so on increasing

During the nest year the fishing at Smerwick was remarkable owing to its being carried on successfully in every month from the 1st of January to the middle of December, when it was stopped by storms, thus proving that mackerel frequent our coasts permanently throughout the year. The system of setting nots in the day time, which is illegal but unforcunately practised in this and some other districts, is much to be regretted, as experience has shown that it tends to scare fish from localities where

otherwise they would prove a lasting and valuable possession. The prices paid for mackerel for caring during the season varied from Ss. to Ss. per bundred, but occasionally higher and lower prices prevailed.

Manuary Course for Proportional in the Asserted of 1909

855 Bost Cov. 3,405 Port Mag 5,085 Enightsus 940 Coconna, 1,070 Dingis, Durrus, 200 Ballingsis	mirgh, mikalligs, Cove, Glen, Megee, phissawn,	:	. 500 210 236 390 2,077 1,078 140
Bere, 310 Kilrecom, as, 2,400 Mungere and 1,280 Perturlin 4,504	nagali,	-	8,730 1,900 800 130 90 201
8,000			L

The following extracts from the Nineteenth Annual Report of the Boston Fish Bureau, esem of such interest that we quote them in full Prices of Salt Mackerel from Ireland and Norway in Boston Market.

"I find markered mode their exposuration in the market in Murch, and an they were of better quality than usual were reported add at \$14.0. The last of Town they said at \$15 to \$13. apporting to quality, and declined in November to \$11.00 to \$12. The receipts of Norway markets have been of the usual the quality, for receipts of the usual the quality, the property of the property o Mackerel Inspection Laws in Massachussetts, which however do not apply to

imported fish, but are suggestive if branding were adouted in Ireland.

#### "MACRESON ISSUPPORTED LAWS. "The following extracts from Chapter LVL, Public Statutes of Mass, refer to the inspection of mankers. "Sect. 16. There shall be five qualities of mankers), three of soluton and shad, two of other kinds of poskied

fish. Macketal of the best quality, not meetilated, measuring not less than thirteen incises from the extremity of the head to the cretch or fork of the tall, free from rust, taint or damage, shall be brazzled nameder over The next less quality, being not less than sloven inches, measuring as afcressis, free from reat, taint or damage, shall be beauded susselve too. Those that remain after the above selections, if free from tests or damage, and not less than thatteen mobes, measuring as aforesaid, shall be branchel muscler shree, keys. Those of the next inferior quality, free from mint or demage, not less than ten inches, measuring as aforesaid, shall be branched manufor three. All other randomly free from taint or damage shall be branded member four.

"Sect. 55. The impressor shall beard in plain legible letters on the head of each cask of fish inspected by him the denomination of the fish peoked or repeated therein, the initials of his christian name and the whole of his surrance, and, if a depaty, the name of the place for which he is appointed, the lasters Mass and the year in which the fish are packed; and he shall also, when in his judgment it may be necessary, nail in a exitable manner any mak in which fish are packed Sect. 30. Pickled fish, duly inspected in the state or country in which they are pecked shall not be subjected

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to reinmention in this Commonwealth.

• stor. 3.4. The fees for inspecting and immality, rationing of copyrings shall be, fee each barrier in cooks by two stands and of a smaller decountation, three each size in an interior to the size extension, one seed for most cook male to indee provided; and all fees shall in a most interior to the fees original owners of the finite, or by this person implying the impactor, and any in recovered by their expectatively of the person who afterwards preclaimed or expect the same.
• Best, 53. The improvement power of provided in the signature over expectatively of the improvement power provider from such that signature over every said of their inspected part of the signature over every said of their inspected power provider from such that signature for every said of their inspected part of their inspected power provider from such that signature for every said of their inspected part of their inspection power providers from such that signature for every said of their inspected part of their inspection power providers are considered.

Must be following from for much twent does every for each buff ward and every a fine on some conformable and over that after provision, see half ward, and for each package of they promote to be not expected of a seet, which they control to be not expected of a seet, which we have the seed of t

## HERRING FISHING.

On the routh work and west consist of breitast there are two distinct harring fining the apprag and the asterma—no the seat on cost the fixing is certified existly in the experience of the asterma—no the seat of the fixed present of the cost of the generally bornaich the end of June. It is presented shelly in the result, and has been vanished for by Scotch berring boats for about 18 years. The assumes of sink appearant by those boats has often been very great. During the spring of 1995, 17 Scotch house bearing to the markets by real and attenue from Questations. At the same time Scotch boats induction that the contraction of the properties to the markets by real and attenue from Questations. At the same time Scotch boats induct from Kunash, the experience there was no house the properties to consider a limit of the properties of the properties of the properties to be considered in the markets? Bathery, can also deep the Irith boats, those they are the considered in the markets? Bathery, can

The "overlapping" of these two fisheries at Kinssle has been a constant crosses of fraction between the mandered followers and chroning faster. With a serve to average a series of finquiries, commencing at Kinssle, and given on to the Stotish point from which the horring house. We improve weak held at the served and the inter-which the horring house and "register weak held at the served and the inter-which the horring house and the served and the inter-which the horring house and the served and the inter-which the horizont and the inter-which the served count of Kinsle in the assessment of horrings copiered on the count of the west count, for this of the served count of Kinsle in the same sumbours a strength; and conceptually as any at some by the Table (see Appendix, W. et al., the smeam of ferrings captured on the count of the west count, as for resmally, at the same than the served count of the served count of

prosecuted.

On the coast coast and also at some few points on the west coast, there is a summer fathers.

fishery.

Of the coast of County Dewn the main fishing commenced in 1893 on May 17th an I
off the coast of County Dewn the main fishing commenced in 1893 on May 17th an I
saided Suptember 22th. At Arighaus, 14,101 exit. of herrings were explored, and the
major respect to the control of the

thost their news—53 mights this year as compared to 52 nights in 1892.

"They few of the horsings caught were of a few-class quality, taking them all through the fish was of a meal class, you firm."

On the nurth and vent contact where the aurum failing commenced in August, and lated until the Dembers decrome pain and to it, the hardress flating, current and the state of the state of

example thus set was almost immediately followed by a private firm of curers. On the Island of Arranmore, off the Donegal coast, the Inspectors have been informed that the fishermen were paid over £4,000 for herrings captured between end of

September and December 51st. On the south west coast berring fishing would, no doubt, he more actively presecuted were it not for the men being busily engaged in the mackerel fishing. With regard to the autumn fishing, it should, however, he borne in mind that though mackerel curing may be more remunerative, the market for cured horrings is more firmly established

High prices for herrings for ouring purposes are impossible in the face of importation of cheen herrings from Scotland, and especially from Norway. The object of Irish fishermen should, therefore, be to look for an increase in their receipts by a larger capture when the fish are within reach, as this induces curers to establish themselves in the locality, rather than to hold out for too high prices.

## HERRING FISHERIES.

The following is a return of the quantity of horrings captured at the principal places in Irohand in 1893, and the amount realized by the sale thereof.

Phila e	0.20	ion.	Name of Pince.				
	-	_	_	-		L	
Annalung					121	63	
Aniglass,				- 11	14,801	6,053	
Arklow,			- 1	- 11		815	
Balhyiggan, .		- 1	- :	- 11	1,724	407	
Ballycotton, .		- 1	- 1	- 31	1,216	404	
Ballypeary, .		- 1	- 1		218	0.0	
		- 1	- 1	- 31	134	37	
Cahore,		- 1	- :	- 31	215	69	
Clery Flor.	:	- :	- :	- 31	4,350	1.028	
Clocker Head,	:	- 1	- :	- 11	2,122	641	
Costello Bay	:	- 1	- :	- 31	213	7.5	
Courtown	:	- 1	- 1		250	109	
Dingle,	1	- 1	- 1	- 1	754	107	
Donegal,		- 1	- 1	- 1	9,906	640	
Downles,				- 1	7,216	7,174	
Dunfunegky,	:			-	1,000	184	
Dangarran,				- 1	8,071	968	
Dangarvan, East,				- 1	791	290	
				- 1	482	174	
Feair,				- 1			
Galtray,				- 1	5,878	1,654	
Guidere Diristen,				- 1	13,761	2,277	
Helvick Houd,				- 1	178	68	
Howth,					267	214	
tra (accurre				- 1	2,685	793	
Inver,					7,723	390	
Kileummin, .					1,076	203	
Kilkrel,				- 1	13,840	3,953	
Kinasle,				1	6,089	2,983	
Kucekalla,				1	199	78	
Lecatorio					198	63	
Liseamor,				.1	204	70	
Moville,				- 11	318	137	
Mullightners,				- 11	1.638	565	
Portmogoo, .				i	208	139	
Portnableghy,		- 1		- 11	736	171	
Portnee,		- 1		- 11	657	569	
Pullendiva.				1	440	901	
Pullocheny,		- 1		- 11	157	147	
Queenstown, .		- 1	- 1	- 11	7.084	1.401	
			- 1		473	180	
Rosalare.		- 1	- 1	11	824	346	
Peolin.	:		- 1	:1	572	69	
Venter.		- 1	- 1	:1	1.783	489	
Wielclow.			- :	:1	101	78	
	1		- 1		200	78	
Other Places,	:			- 1	829	324	

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HERRINGS

Comparison, by Coasts, of the weight and value of the capture in 1893 and 1892.

1-				4.00		1,000,00		
				100,	1905.	37%	M10.	
Nortis Const, East Const, South Const, West Const,	:	:		Cwts. 24,633 35,111 18,613 25,051	Owts. 14,410 25,093 41,322 16,465	4,714 19,713 6,995 7,915	£ 3,410 11,239 12,133 4,538	
				105,606	96,189	80,952	\$1,310	

Further details of the Spring and Autumn herring fishings are given in the Appendices. Nos. 5 and 6, pages 64 to 68,

## LONG LINE FISHING.

The fish taken by this method of fishing round the Irish coast are very varied, the following being returned by the coast guard as having been captured off the guarded portion of the coast, viz. :-eod, ling, haddock, plaice, conger, codling, whiting, pollock, gurnet, bake, skate, turbot, fluke and ray. But by far the greater number of fish taken cognited of cod and ling.

The following are the numbers of boats engaged in long line fishing on the several coast guards divisions arranged in classes :-

	_			1st Class.	and Clark	art Cless
Kingstown,		٠.		17	13	24
			- 0	_	13	22
Weathed,				-	7	_
Waterford.				_	43	-
Yourhal.				_	18	10
			- 1		8	1
Kinsale,			- 1	10	17	39
Skibbereez.			1	15	87	37
Castletown,		- 1	0.1		14	11
Valentia.			- 01	Ē	-	36
Dinete.		- 1	- 1	_	-	101
Ballybeigne,		- 1	0.1	_	4	- 6
			0.1	_	2	54
Galway,		- 1	0.1	-	60	146
		- 1		-	32	48
Keel.				-	=	60
Belomillet.			0.1	=	-	40
Ballycastle, K.	illala.		- 1	=	-	10
				-	2	9
Bligo, .				_	1	\$8
Killybegs,				Ξ	10	57
Guidore,				_	61	47
Rathmullen,		- 1	- 11	_	107	50
			- 11	=	12	I
Ballycastle, A	ntrim.		- 31	-	31	.1
			- 11	-	96	27
Stranglard.		- 1	- 31	-	_	
Denaglasdon,		- 1		_	12	
Newcastle.		- 1	1	_	38	
Dundalk.		- 1	- 1	-	56	1
				19	17	

If we add these figures we find that the total fishing fleet in Ireland engaged in long line fishing consists of 54 first class, 750 second class, and 921 third class boats. The great majority of the Irish fishermen engage at one time or another in long lining. These men are, however, in the vast majority of cases engaged in other methods of fishing besides long line. The length of lines shot is not nearly as long as in Scotland.

#### BEAM TRAWLING.

The method of fishing known as leasn trouble; in not pursued in firsh waters to the same question, and is a fixed first of both waters. The mean extent of the same condition, as in Figdillum developed waters. The mean tender of the same production is a fixed first observed with the same tender of the same production of sink tides, and weather, the neptorine expendy of their fielding engine has an assumption with the same tides of the same time of the same time

A certain projudice, no doubt, existe in many minds against this mode of fishing. The beam trawl has been held up as being most projudicial in its influence on the fisheries. Fishermen who do not use it have invariably viewed it with diefavour. This perhaps is only natural. Many are the evils with which it is publicly charged. "The destruction of snawn." "the ruin of local fisheries," and other alleged results mostly unapprorted by smentific evidence, have been placed at the deer of the beam trawler. In many cases it would not be incorrect to assume that this arises from an objection on tho part of the long line and other men, to participation in the catch by the trawlers. The former being in a great majority, can often command the sympathy of influential persons. But it is most important that the latter should bear in mind the great difference that exists in viewing the question from an English or Scotch, and an Iriah, standpoint. The development of the fisheries in Ireland has been carried on in the face of may disselvantages, and it is with great diffidence that any one should make a suggestion which would, if carried out, have the effect of injuring a canall local Irah industry. The fisheries, as a whole, are to be considered before the interests of any one class. Any suggestion of a restrictive character, should at least be supported by scientific evidence of its necessity, or by the absolute necessity of harmonizing local interests in a fair manner, and of protecting fishing gear. Cases might arise where a few large steam travelers would visit a Bay and clear out all the fish in a week or so, leaving the place useless for the spillet fishing of the villages until the ground should have had rest, and resumed its normal conditions. Such a case would undoubtedly at once receive our consideration, but this is quite different from unduly interfering with a small local trawling industry that can be carried on eide by side with other classes of fishing. The Irish fisheries as a whole would sometimes suffer if effect were given to the representations of many estimable pureons, in support of local views, on this question of trawling. The by-laws made by us will show that we are most anxious to afford all reasonable protection to hook and other fishermon from the trawlers. At the present time the bays and inchore waters of the cast coast from Dublin to Belfast Lough are thus protected. The boundary line extends from Dalkey to Howth, thence to Dunany Point (County Louth), thonce to Cranfield Point and St. Jehn's Point (County Down). Part of Belfast Lough is closed during the night time in December, January, and February. The portion from Howth to Dunany is only affected from November to the end of April. Off the Wexford Coast trawling is not allowed within three miles of boats engaged in

herring or mackerel drift-net failing.

On the north coart the by-laws only affect steam trawling—the latter is prohibited
in the bay extending from Portrush to Magilligan, and the continuing small portion

of water outside the month of Lough Foyle across to Warren Point.

The whole of Sheephaven Bay (Counity Desegra) is closed against steam traviling when large shoals of straings or neakered set in, and when boads are at such times driftent finding. This regulation is permanent, but we also thought it advisable to probable steam trawing altogether in the inner portion of the bay for a period of three years. The by-law will expire on the 50th June next, when we will consider the adriability of recommendation its continuance.

On the west costs all hinds of traviling are prohibited in Inver Bay (County Donegal). In Killah Bay steam traviling in governed by regulations similar to those prevailing in Sbeephaven Bay, save that the problibition in the inner bay is only in operation from August to May during the there years. The hybrat in this case will expire on Bits July next. The portion of the bay affected by the temporary regulation is inside a line from Killoumini (County May) to Innieroem (County Slipo).

In Lacken Bay (County Mayo) steam trawling is prohibited at all times, and in Clew Bay for the first four months of each year. In Galtway Eay all trawl boots must keep at a distance of three miles from medcerel or harring drifters—and eteam trawlers are kept outside the Arran Islanda. We refer further on to this Eay.

or naving dritters—and steam traviers are kept outside the Arma Islanda. We refer further on to this Bay.

Brandon Bay (County Kerry) is also protected against all kinds of traviling. Parther could along this coast, made a line drawn from the couth-watern extremity of Valentie to Pallin Island, etcam traviling is altogether prohibited; while eating

irawlers are only allowed to work there during May and June in each year.

In the entire of Bantry Bay trawling is forbiden during the night time—and in the small portion thereof mide Whidy Island is in forbidden at I firmed.

On the south coat, in a large part of Waterford Harbour trawling canoot be carried on by cleam recook fahing for each, nor by salling boats exceeding ton tons

carried on by steam vessels fishing for eale, nor by salling bosts exceeding ten tons measurement.

Finally off the County Wexford coast, within an area from Crossferacge out to the Coningboy Light ship, and thesee to Carnsore Point, seam trawline is altowher

Comingbog Light ship, and thence to Curnacre Point, eteam trawling is altogether prohibited.

The exact boundaries of the different areas will be found in the Appendix, No.8, page 70.
Thus we have dealt with each place according to local requirements, and with the

desire at all times to interfere as fittle as possible with satabilided modes of things. Since the date of our last Report we held pointle protegy into the question of Since the date of the sate of the sate of the sate of the control of the criticity regulations there. At present that part of the Longh initio a line from criticity to bloodyer is closed to traveler cointing the subject too, in the messlar of startisticity to bloodyer is closed to traveler cointing the subject too, in the messlar of critical brought to the sate of the sate of the sate of the longh traveler cointing the sate of the longh (which is a nursery for place) both day red night, and between the outland place of the longh traveler and the old into the present regulations

The proposed by-law, of which the following is a copy, was eshmitted for the approval of the Lord Lieutenant in Council, as is necessary under the law.

"Wherean, by a byshes, housing date the Twenty-neventh day of Nevember, One Thomand Eight Handred and Skritywins, it was poored and affoliars, via."
"The use of travel note in break probabilist in their part of the Longh of Belfau, comprised within a strength; like draws from the Other of Charickdappa, in the Country of the Yown of Charick

\*ferpus, to Ecologics, in the County of Down, between the hours of its objects in the evening, and six 'e-dock in the recenting during the metals of Deventues, Sources, and Steamary, and steamar

"Now, Wo, the Impeoters of Irish Faberies, asting in purmance of the powers and authorities in as vested by the "Fisheries (Irishad) Act, 1987; do hereby repeal and resciled the shows resided by-law, and the seen in healty regards our resunded noordingly.

"And in pursuance of the powers and authorities aforested, we do hereby make the following bylaws:

\*1. The method of fishing known as trawling is hereby probibited at all times in that part of Belfast Lough lands, or to the weakward and continued, on an inapitary line drawn from Groon Likad (in the County of Astring), as south-eastery direction to Other, (in the County of Been).
\*2. The method of fishing known as trawling is hereby probibited between the bound of act oclock.

On the country of address, as a transcriptor, it hashes possibilitied between the hours of the obligacian to the evening and fire violate in the norming-derived, the months of househow, fustures, and Fabruary, in that port of Bellast Loops initiated between the following imaginary lines, namely: "A set registed lines from the Cuttes of Curvisitory, in the Country of the Toron of Corridor, fagural to Rodrigot the the Country of Down).
"A set using this from two Green them (in the Country of Anteins), to Cultres (in the Country of A set using this from from Green them (in the Country of Anteins), to Cultres (in the Country of A set using the first from Green them (in the Country of Anteins), to Cultres (in the Country of

Down)<sup>N</sup>

An appeal against the foregoing by-law was heard by the Judicial Committee of the

Privy Council on the 8th March, 1894. A compromise was then agreed to under which trawling was to be prohibited in accordance with the following by law :—

"Whereas, by a hydro, bearing date the Twenty-seventh day of November, One Thomas Eight Hundred

and Sixty-airs, it was provided as follows, viz. 
"The use of travel note is bearly problidied in that part of the Lough of Belfast, comprised within
a straight line drawn from the Casia of Carrieldingus, in the Cornty of the Town of Carrieldingus,

to Reciproc, in the County of Days, between the form and only the continuing of the County of Recently, and Recently, and Recently, "And where, We hold, to the month of August, 1893, an teptity into the subject of travelling in Reciprocal County of the C

reseind the above recited by law, and the anne is borely repeated and resembled accordingly.

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"And in pursuance of the powers and authorities aforesaid we do hereby make the following by-laws:---"I. The method of fishing known as trawling is hereby prohibited at all times in that part of Belfast Lough inside, or to the westward and southward of an incaprary line drawn from Whiteshley (in the

County of Antrim), in a S.E. direction to Holywood (in the County of Down). \*2. The method of fishing known as trawling is hereby prohibited during the meants of January, February, March, April, May, and June, both by day and by sight, in that part of the Belfest Lough statuted letroes the following inequisary income:

on A straight line from Green Island (in the County of Antrim) to Cultra (in the County of Down).

" & A straight line from Whitesbley (in the County of Antran) to Holywood (in the County of

\*8. The method of failing known as teaviling is hereby probibited between the hours of sunned and surries during the menths of July, August, September, Outdoor, Nevember, and Doomber, in that past of the Belfast Lengh sinced between the following imaginary lines:— " a. A straight line from Green Island (in the County of Antrim) to Oultra (in the County of Down).

"A A straight line from Whiteabbey (in the County of Antrain) to Helywood (in the County of Down).

\*4. The method of stating known as trawling is hereby problished between the hours of six elclock in the oversing and six elclock in the meeting, during the ascepts of Ducreaber, Junuary, and Petruary, in that part of the Bellink Lough inside, or to the westward and southward of a straight line duron. from the Cartle of Carteldegus (in the County of Antum) to Rockyort (in the County of Down)."

Steps are being taken to give effect to this compromise, and the by-law will, in due course, he submitted for the approval of the Lord Lieutenant in Council. Pending such approval it will have no validity, and the existing regulations must in the meantime be observed.

Referring again to Galway Bay, the Select Committee appointed by the House of "To consider the expellency of objuting measures for the preservation and improvement of the Son Wideries," in the seas round the British Hande, Sarbeling the prodiction of the outputs, handling, or sale of understand uses, fish, the probletifies of the parties of the sale or possession of section on the during the period when their exprises in "Swittleden, the things of does assume, the prohibition or regulation of certain multiples of slining, the

" restretion of defined areas, and other like regulations, international or otherwise," made the following observation in their Report, dated 17th August, 1893 :-

"The special complaint which comes from the Chaldagh faborates against the trawlors in Galway Bay,

"seems to be one of the disputes arising from the differences contribing between different classes of fabouriers "Righing on the same ground. Your Committee are of opinion that some regulations might be devised by the "Irish Fishery Impersors, which would enable the Cladaigh Fisherson and the Galway trawlers to carry on "their respective methods of fishing with mutual good feeling, and without interfering with one another. "instance, trawing might be prohibited within a certain area of Galway Bay, my within a line drawn from " west to east, from Castle Telly upon the Connectors coast to Ballyice Point upon the coast of Clare."

We have always been most anxious to harmonize the relations between different classes of Irish fisherman. Galway Bay is already protected against steam trawlers, and on certain occasions also against sailing travlers. The local trawling industry is followed by fifty-nix men and fifteen boys, in twelve good sized smacks, varying from thirty to forty-four tons measurement. The present value of each, with gear, would be between £400 and £500. There is thus sunk in the industry in boats and gear alone between £5,000 and £6,000. Their contribution to the food supply of the nation is of greatervalue than that of the line mee. The theory has been frequently advanced that the primary wants smong the west coast population are knowledge in handling large craft, and skill in improved means of fishing. The introduction and spread of such knowledge is attended with great difficulty. The trawling industry of Galway is an agency working in the right direction, but attempts have been made to harass it for the past fifty years; and, if all the suggestions of its antagonists were given effect to, it is probable that it would have now ceased to exist. We and our predocessors have held repeated inquiries into the question during the last half century—the most recent in 1886-and, in general, it may be mid that most of the allegations made

against the trawlers were groundless or exaggerated. In August, 1888, an Act was passed by Parliament giving power to the owners or registered hoats in any district, under certain conditions, to forward to us a petition praying that trawling might be prohibited within certain limits in the vicinity; and directing us, in the event of refusing the prayer, to forward the petition to the Lord Lieutenant, with a statement giving the reasons for such refusal. The Act empowered the Lord Lieutenant in Council to direct that the prayer of the fishermen, or a portion of their demands, should be acceded to. This fact thus gave a power of appain these cases in which we decided set to make a by-law restricting trawing. Previously we had, and still have, full power in the absence of any petition, to make a by-law pro hibiting this mode of fishing, but the appeal to the Lord Licentenant only lice against such a by-law, and not against a decision refusing to make it.

Under this Act of 1888, a petition from Galway was immediately ledged, praying (1) that trawling should be stopped in the whole bay inside the Arran Islands, and (2) that, should this not be granted, trawling should be restricted to the waters outside a line from Spiddle to Black Head. Having refused both applications, we took the required proceedings under the Act to have the matter decided by the Lord Lieutenant in Council. The case was fully investigated by the Judicial Committee of the Privy Council, and the conflicting interests were ably represented by counsel; with the result that our decision was maintained. The recommendation made by the Select Committee of the House of Commone amounts practically to a recommendation that the entire bay should be closed against trawling. With every desire to respect a suggestion coming from such a course, we felt that it would be injurious to the general welfare of the country to give effect to it. We have, however, in response to the enggestion of the Select Committee, made a by-law which ought to take away any ground for discontent amongst the Childagh men, by which part of the inner bay is proposed to be closed against trawling during the months of January, February, and March in each year, during which months line fishing is prosecuted. The following is copy of the by-law. The statutory steps in regard to it are being

taken, but it will have no validity until, and unless it shall be approved of by the Lord Licutement in Conneil :-

" We, the Trajectors of Irish Fisheries, in parausage of the powers and authorities in us vested by the above-

named Acts, do make and arthin this By-Law, try which it is precipited, and it is hereby prediction, during the mouths of January, February and March, in each year, to use the method of fishing known as Trawling in that part of Galway Boy, inside or to the outward of an imaginary line drawn from the Quay at Barno, in the County of Galway, to the Martelle Tower on Finners. Point, in the County of Galway, Having failed to act fully on the recommendation of the Select Committee of the House

of Commons, we think it necessary to make the foregoing observations. During the year 1893 about 218 vessels, 856 men and 76 boys followed beam trawling from Irish Ports; 58 of the boats averaged from 40 to 60 tons measurement; 28 from 30

ot 40 tons; 22 from 20 to 30 tous; 53 were from 10 to 20 tons, and 67 under 10 tons. Long spells of calm weather such as we had last summer, and storms during the winter, proved detrimental to trawling operations, and placed great natural restrictions on the industry. The capture is generally reported as below the average

The sizes of the different kinds of fish taken have in some instances been noticed to he smaller than formerly. Off Ball Hill (County Donegal) the plains were especially noticed as having been smaller than they used to be. In Clew Bay all kinds of fish, copecially coles, show a falling off in circ compared with what they were in 1891, when steam trawling commenced there on a large scale.

Starting from Dublin, and going southwards, the following will give an idea of the industry in the different localities around the coast.

The principal Irish fleet works from the Port of Dublin. It consisted in 1893 of 51 sailing boats of from thirty to sixty tons uncasurement, and was manned by 172 men and 51 boye. Eight of those boats were under 40 tons. There were also three small hoats, of from three to five tons. Ten of the first class boats, although registered at English ports, regularly fish out of, and really belong to, Duhlin. They trawl all the year, weather permitting. The light winds of the past summer interfered with them to a considerable extent. Their general take was consequently below the average, especially in turbot and soles. It was landed principally as Service Kingstown, and Dubbin, and disposed of in the Dublin market to which it was conveyed by carts. The sizes of the fish were fair, and were not noticed to be smaller than usual. The men work the east coast off-shore waters from County Wicklow to County Down, and do not fish within territorial limits. The want of safe anchorage at Ringsend is very severely felt. On return from the week's fishing the boats are, in certain winds, almost without any protection. Very grave damage was consequently inflicted on the fleet during the violent storm that occurred last December. One boat was sunk, another had to be laid up for repair for about six weeks, and about seventeen others were severely shaken. Several large ateam trawlers from South Shields, Swanses, Milford, Liverpool, and Hnil, were observed working off this coast from June to September. They had the effect of pushing some of the local men towards an inferior class of ground-many of the Dublin boats preferring to keep closer to the latter rather than follow the steam trawlers. Some of their fish was landed locally. No disputes occurred between the

fishermen in the district. The want of a river-side market in Duhlin where fishing boats, steamers, and railways might meet, as is the case in the great distributing markets of England and Scotland, in severely felt.

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Off Wieklow a small sailing bost of three tons, manned by three men, trawled in territorial waters, where there was clear ground. Four sailing boats of nine tons each and manned by twenty men, worked during the greater part of the year from Arklow-and thirteen boats of ten tons, with eighty mon, from Conrtown. The latter fitted out for other classes of fishing between September and March. The foregoing eighteen boats landed and sold their fish locally. Owing to the light winds of summer the catch was much below the average. The different kinds however were of a fair size, slthough it was noticed at Courtown that they were somewhat smaller than heretofers. Some of the trawling off Arklow also took place within the three-mile limit. There were no disputes among the fishermen.

Ten sailing beats of about twelve tons average, and manned by forty-four men, trawled off Wexford, in the north and south bays, throughout the year. Their take showed off wexcord, is do north and south only, the roughts the year. And a superior to that of years past. It was landed and sold locally. Traviling took place here in territorial waters. The men have no shelter to run to if caught out in a N.E. gale. Steam trawling was commainally observed off Ballyteige Bay at a distance of from six

to ten miles. The ports from which the vessels hailed are not known. Deprended is an important trawling station, there being nine bhats of an average of forty tons each, and thirty-five men and one boy, engaged in the industry. They follow it throughout the year along the coast outside the territorial limit. The take was inquantity

and size about the average. It was landed and sold in Dunmore East. Several steam vessels were observed at different times of the year, but their number is not known. Ten small vessels (four and a half to nine tons), with twenty men, work throughout the year inside Cork Harbour, from East Ferry. The summer months were not of a character suitable to their work, and their take was below the average. It was landed in Queenstown and eent by train to Cork market for sale. The sizes of the fish were fair, having regard to the ordinary dimensions of the different kinds. There were not any local disputes with the trawlers.

At Baltimore there were four sailing trawlers (ninetoen, twenty, twenty-seven, and thirty tons respectively), worked by sixteen men from July to November oil the coast, mostly within the three-mile limit. They fitted out for the mackerel fishing in the season. Their capture is reported as having been an average one, perhaps showing a slight falling off, and the different kinds of fish wore of a fair size. It was landed

at Baltimore and adjacent ports, and sent to England for sale. From Schull seven boats, of twenty-two tons on an average, and manned by twentysight men, worked from March to Desember in the have and shannels situated between Shorp Head and Cape Clear Island, within territorial waters. Some of them, however, fitted out for the spring mackerel fishing. Their take was considered fairly good, both as to quantity and size. It was landed in Schull, from which place it was sent per rail

by a local buyer to Cork. From Bantry two steam, and one sailing, trawlers work about Bautry Bay, and along the adjoining coasts, during part of the year. The steamers are of thirty-seven and thirty-five tons respectively, and the sailing boat eleven tons. Sixteen men und therefore tool respectively, and the saming occas covers come. Attendings are employed on them. They also fit out for the appring mackers! Schery. One of the steam traviers is registered at Leith. Their general take was above the average as to quantity, and the sizes were fair. It was loaded in Rantry, and despatched to Core and Dublin. There was trawling here within the three-mile limit-sometimes

very close in shore—and this gave rise to some objection on the part of other fishermen. From Laurenes Cove a five ton boot, with three men, also worked in Bontry Bay, off and on from Avenet to Pebruary. She also fitted out for the mackers! Subjug. Her take by trawl was below the average. Part was sold locally; and part sent from Bentry to Mauchester by steamer and rail. The fish were of fair size. The trawling was within

the three-mile limit

In the Kenmare river two sailing boats owned in the district (of twenty five tons and fourteen tons respectively), manned by six men and one boy, worked from Dinish Island to Lamb Head (inside the estuary) from June until November. Their take was above the average, and the fish were of a fair eize. The trawlers have suffered some inconvenience from other fishermen. A by-law was made in 1864, permitting the use of trammel nets in the Kenmare estuary from 3 o'clock in the afternoon of any one day until 9 o'clock on the following morning, from Ostober to March, and from 5 o'clock, p.m., on any one day until 7 o'clock, a.m., on the following morning, during the other months of the year. It is alleged that the transmal net men do not haul their note at the proper time, and thus interfere with the trawlers. The trawl fish was landed locally, and sold in Kenmare, Cork, and Dublin,

We have received a complaint that travelers in Kennase estuary have injured the gast used by the hake Schermen there. We have promined an inquiry as soon as our congenencis permit. Complaints against traveling were inquired into by this Department in December, 1889. The evidence given on that occasion led us to the conclusion that there was then no necessity to probable their estuan or sailing traveling.

and their will like the conveniency to precure content on the many exemity of these of driver pear bettering, and bad of energy brenty tone. Eight pear are employed of driver pear bettering, and bad of energy brenty tone. Eight pear are employed of all the content of the cont

In the Shannon estuary a steam yacht of about sixty tons trawled in August and September last. She brought her fish to Limerick for sale. In the northern side of the estrany from Cannach two calling boats of about ten

On the northern eide of the estuary from Cappagh two eating boats, of about ten tous each, were worked consistently by six more during the winter months, between Khoredome and Scattery Inland. The quantity taken was below the average, but the sizes did not show a diminution. The fish was sent to Limerick by river steamer for desnatch to the Dublin market by train.

Four eleam, and nine sailing, trawlers were observed off Liscannor, County Clare, in the middle of March, 1893. The ports from which they hailed are not known, but it is probable that the esiling trawlers were from Galway and the steam vessels from Regland or Scotland. They did not land their fish on the Clare coast.

From Galway, twolve smiling earth worked about the key, massed by fiftyet nor and fifteen boys. Service of them were between thirty and from types and an influence of the service of the

saives to Milford or Fleetwood.

The report from these vessels is that the fish, especially soles, showed a falling aff in size and quantity since they first visited Clew Bay in 1891.

as the star quality intered using such trained to the scale in data. It restricts in this Bay were destroying the lines of the local flavorum. We placed outsides in commensation with the owners of such of the scale flavorum we placed outsides in commensation with the owners of such of the varieties as could be identified, but the result was not of a very sunistancely channels. The complishes of the local man were continued, and the feeling against the travelers become more determined. The local men and the Wangere Board of generation solled on on to impurit not the senter. We find an one of the sentence of the sentence of the sentence of the sentence of such places. Our first have approved of on the SSS May, 1839, and conceptually starting the balance of 1339, Our flavor they was free from

steam trawling.

In Backeod Eay about half a dozen steam trawlers from ports in Great Britain, fished during the spring of 1893. They did not land their fish in Irekud.

Three small salling craft, of from three to eight tons measurement, with eleven men

and two borys, manufa, off Mullaghamora, Bandoran, and Kildonay, from May to August. One of them is halled Tokilla Bay in Suphember. Their crapture, which was add in Mullaghamore, was above the swampe, and the different kinds of fash were of a first size. We have nearly and memorial praying that scans trawings might be prohibited in Dangal Bay, between St. John's Point and Mullaghamore; in regard to which we will hold a public inquiry as soon as the business of the Department permits.

In Donegal Bay four small sailing boats (average eight tons) with twenty men, travied throughout the year. The quantity taken was about the average—but the size of the place was much smaller than it was about ex years ago. The capture was

sold in Donegal. Four British steam trawlers fished in the Bay in June, July, and September. They did not land their fish locally.

In Lough Swilly four sailing boats of about thirteen tons, with twelve men, trawled throughout the year. The take was an average one in all respects. Part of it was landed and sold in Buncrana, and the remainder despatched thence by train for sale in Londonderry, Dublin, Manchester and Liverpool.

From Larne Harbour, two small boats of three tons each were worked by four men in the Lough, occasionally between October and March. They also fish occasionally for ood and ling during the remainder of the year. When fishing is not sufficiently remuerative they engage in other occupations. Their take was rather below the average, especially as regards plaice. It was landed and sold locally. The sizes were

also below the average. From Carrickfergus, twelve sailing boats (average 5 tens each), with thirty-six men. trawl in Belfast Lough and along the Antrim coast between Merch and December. They fit out also for ovster fishing. The light winds of last summer were against

their operations. Their take, however, was about the average. It was landed locally, and sent to English markets for sale. The sizes of the different kinds of fish did not show any decline. Off the County Down Coast, from Rockport to Kinnegar, a sailing boat of twelve

tons, worked by two men, trawled for about six months. The take was below the average in quantity and in size. It was landed locally. Part of it was sold in Holywood, and the remainder in Liverpool (by train to Belfast—thence by steamer).

Off Bangur and neighbourhood (Co. Down) seven small sailing cruft (average fire

and a half tons) were worked by fifteen men during part of the year. They fitted out as pleasure boats during summer. Their take was helow the average in quantity, but no change was noted as to size. It was landed and partly sold locally, the remainder being sent by train to Belfast for sale. Trawling took place in this neighbourhood within territorial waters. From Groomsport two small sailing boats (six tons), worked by six men, fished also

in Belfast Lough and neighbourhood from May to Scotember. They lay up during the remainder of the year. Their take was helow the average in quantity and quality. It remainder of the year. A near take was nelow the average in qua-was disposed of in Balfast, to which it was sent by road and rail.

In Ballyhalbert Bay five sailing boats (average eighteen tons) gave suppleyment to thirty-six men, who trawled there during the last three months of the year. They fit out for other fishing at other times. Their capture was sent for sale, by car and mil, to Belfast. It showed an increase in quantity, and the sizes were fair,

Fourteen sailing craft worked from Mackimmon to Rock Light Ship, along the County Down coast, between September and May. Seventy-five men and mx were employed in them. They fit out at other times for the herring fishery. Their tonnages were as follows, viz.-one 29 tons, one 25 tons, four 15 tons, one 10 tons, two 9 tons, one 75 tons, and four 5 tons. Their take hy trawl, which was landed locally, and sent by our to Belfast for sale, was below the average in quantity, but the fish were of a fair size. The men suffer at Mackimmon from want of landing accommodation. In fine weather they land their fish in small beats on an open beach,

but when the weather is any way bad, they must land it at either Ballyhalbert or Ardolesa. Two sailing vessels from Fleetwood were observed off Ardglass in 1893. The fish landed at Ardglass by trawlers from other places in Ireland showed an increase in quantity-and the quality was fair. The whiting were above the usual size. Some of the

capture was sold in Belfast, and the remainder in the English markets Steam trawlers were observed about ten miles off Newcastle (Co. Down). It is said that trawl boats would be got here by the local men if the harbour was suitable. If so they would have to fish outside Dundrum Bay, which is closed against trawling. Some illegal fishing was observed in September last in Donaldik Bay, which is closed against trawing. The constguard being unable to enforce the law, the services of a Government result were requisitioned. The Lords Commissioners of the Admirally

kindly assigned a cruiser for protection duty. She, however, only remained in the neighbourhood from the 21st to 27th October. We received an application to allow trawling in Dundalk Bay, but we refused to repeal the existing By-Law.

Ten saling boats (average seventeen to mineteen tons), and forty-five men, trawled from Balkriggan. They do not follow any other class of fishing. Their take, which was landed locally, was below the average, and the sizes, although feir, showed a falling off compared with what they used to be. The fish was sent for sale to Dublin by rail.

One of these boats belongs to Skurries. As the cannot get a crew from that place "by understand trawling, the in manued by Bellinggan men, when none of the latter are not working their own hosts. When she cannot get a crew she lice up. Some friction has existed between the trawlers from Ballinggan and Bulbin and ciber classes of fishermen near the month of the Boyns, in consequence of alleged injury to the lime of the latter.

Owing to the filling up of Balbriggen Harbour, the boats cannot at all times go to see, but must wait for from a half to three queters flood tide; and for similar reasons the Harbour is queste to run for in had weather.

A sailing trawler from the Isle of Man was observed off Skurries coast during September, October, and November.

## OTTER TRAWLING.

There is only a small amount of this method of fishing carried out round the cosat of Ireland. It is chiefly confined to the northern and southern cosats of the Island. The entire number of boats engaged in it was 239. The men fishing in this way are nearly all engaged during part of the year in other methods of fishing and in agriculture.

### LOBSTERS.

The returns obtained from the Coariguard Officers of this fabery show that it is being actively pursued at most parts of the coast, and forms a flourishing industry. The return of the number of fish captered, which may be taken as fairly accurate, although no doubt the returns are not complete from some districts, showe that all

round the coast nearly \$28,000 were taken, in addition to a number of lobstere which

were sold by weight, and which weighed 523 cwt. Taking the returns which have been sent from the various Construerd Officers. commencing at Kingstown and moving in a southerly direction round the coast till we return to the same place, we find the following numbers of this class of fish were taken at the coveral districts respectively :- Kingstown, 7,557; Wicklow, 414; Wexford, 6,466 (most of these were shipped to Liverpool); Waterford, 16,703; Youghal, 1,652; Queenstown, 3,006; Kinsale, 11,994 (most of these were taken by the boats to Baltimore, from where they were chipped to England); Skibbereen, 90,924 (the majority of these were taken by lobster cutters, fitted with wells for the purpose, and conveyed to Southampton-very for were conveyed by train). Castletown, 4,345 (of these large numbers were last by reason of the vassel in which they were being conveyed being becalmed); Valencia, 11,466 (most of these were sent to Cahireiveen to be cent to the Dahlin market by rail); Dingle, 28,500 (those were sent to Dublin by train): Ballyheige, 3.190 (sold locally); Seefield, 5.970 (sold locally); Galway, 99,000 (these chiefly found their way to the London market, mostly by ship); Clifden, 237,876 (these went to the London and Duhlin markets, and a great meny to Southampton, by lobster vessel); Keel and Achill-heg, 3,840 (this return, however, is incomplete, as the fehermen are in the habit of not landing the lobsters. but selling them at sea to lobster vessels); Belmullet, 60,000; Ballyesatle, on Mayo. 7,906 (these were sent to the English market); Pullendiva, 2,224; Sligo, 13,955 (chiefly sent to Dublin markety: Killybers, 37,300, in addition to 1 ton weight of lobsters (those chiefly went to the Manchester and Liverpool markets); Guidore, 68,576 (London, Manchester, and Liverpool markets); Rathmullen, 14,246 (English markets); Moville, 10,300; Ballyossete, co. Antrim, 15,116, in addition to 23 owf. (these were chiefly sent to Liverpoo), London, and Belfast); Carrickregus, 4,882, in addition to 34 owf.; Srangford, 8,764 (chiefly sent to London, Ghasgow, and Belfast); Dongshedes, 18,760, in addition to 1 cwt. (these went to the Belfast market); Newsatle, 7,525 (sent to Belfast and the Racijsh market); Dundalk, 8,860; Malahida, 15,719.

Beitiss and the English markes); Dundaik, 8,860; Malahde, 19,719. The methods of packing the fish wherever a lubsise cutter, regularly fitted with wells for the purpose, was not swilable, seems to have been packing in boxes or hampers with sewreed, and, in some cases, heather.

The average size of the fish captured, measured from the tip of the bask to the end of tail, was from 12 to 15 inches. Though in some cases they measured 18 and in one return 20 inches.

The average price obtained for lobutars seems to have varied from 5s. per dozen to shout 12s. per dozen—in the neighbourhood of large towns like Dublin and Belfant

the figures being considerably higher than in districts where they were bought in large quantities for the English market; though in the latter case the prices paid to the alberman were clear of all cook for conveyance, &c. Taking the average of 9s. per dozen, we thus arrive at the figure of £31,050 as the value of the fish of which sortul Pruted mass desirated by the University of Scotlymanton Listery Domination Unit

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returns were made, but without doubt these figures would be largely increased if the returns made to this department were perfect. It is not unreasonable to assume that £50,000 would represent the sum gained by this industry.

The number of men and boye who are returned as engaged in lobeter capture during the year was about 3,300, but of course they were not exclusively engaged in this industry, being employed, in addition, in agriculture and other methods of fishing.

# PUBLIO BRIG.

The returns of the public oyster fisheries are, unfortunately, far from entisfactory, In some instances the public hods have practically ceased to be worked at all, and in those which remain in work it is frequently too plain that the industry is degressing. and that, under the constant dredging, the breed of overere is being destroyed.

In one important instance during this year we have endeavoured to check this anfortunate state of affairs by an exercise of the statutory power we possess, of shortening the open season for dredging native ovsters in Carling ford Lough to one month, December, Provisions were made at the time for safe-guarding the right to dredge for American. Portuguese, and Dateb systers, which are imported and laid down on bods in the Lough.

These can be dredged under the new order all the year round, except May and June. Had it been in our power we should have suspended entirely the dredwing for native cysters in Carlingford Lough under the provisions of 7 & 8 Vic., c. 108, sec. 5; but as we can, under the provisions of that section, only exercise such powers upon the application of any person interested in the oveter fishery in the locality, and as, for

obvious reasons, no such application was made to us, we were obliged to confine ourselves to chortening the open ceason as aforesaid. The coast-guard officere report favourably of the condition of all the beds where ovstere are fished, as recards the cleanliness of the bade and stock, with the following

exceptions :-In the Ballyheige Division—from Derrymore Point to Kilgobbin—the beds are partly closed up by dirt and weeds, part fairly clean and etocked. Between Tarbert and Mount Trenchard, on the south side of the Shannon, the bede are badly stocked, but clean; in Ballylongford Bay the bede are covered with dirt, not having been sufficiently worked. At Fenit also the bods were dirty in part. At Rosmoney, in the Clifden Division, the stock is very deficient, the beds being in a very dirty and neglected condition. In the Rathmullen Division, from Burt to Manoreumingham on the Lagan

side, and from Fort Stewart to Raybridge on the Rathmullen side of Lough Swilly, the stock is decreasing, owing to the accumulation of mud and grass on the beds. The reports of spatting during the most recont close time are generally favourable.

With regard to the oyeter beds situated in Longh Foyle, the fishermen complain of the steam dredger from Londonderry discharging her mud during the epatting season in the South Channel, end state that the tide sweeps portions of the poisonous matter across the hele, and that they have often found the young brood dead with the fish in the

shells, which they attribute to the possonous matter discharged from this vessel. At the great majority of stations from which reports are sent, the report is that the public beds are showing signs of decay. The chief exceptions are the beds in the Galway district at Ballyvanghan, Spiddal, and Costello Bay, which are reported improving; and Moville, where the report is that the bade not having been dredged for

several years, the stock has greatly improved, and is still increasing. No complaints were made of the capture of undersized system, except in the County of Kerry, where the practice seems general, and has proved most destructive to the system fishery. A fresh bed has been found off Ronlars Point. There were 605 men and 2 boys, and 2 first class, 93 second, and 81 third class

vessels engaged in the oyster fisheries PRIVATE BEDS.

From each of the reports as we have received from owners and lessees of private teds, we gather that about one and three quarter millions of oysters were planted around Ireland in 1893, and elightly more taken off. The following are the particulars according to countice—Cork: planted, 4,000; lifted, 2,700. Kerry: planted, 20,000; lifted 33,000. Galway: planted, 206,000; lifted, 153,000. Mayo: planted, 15,000; lifted, 12,500. Sligo: planted, 22,000, litted, 214,000. Louth: planted and lifted, 1,447,200. Calculated at 6st a dozen the number thus taken off the private beds would value about £3,880.

Further particulars are given in Appendices No. 10, pages 78 to 81, and No. 2, page 57. Printed image digitised by the University of Southampton Library Digitisation Unit

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The returns of the capture of these shall-fish from the various Coast Guard Officers point to the remarkable difference which exists in this class of fishing in the neighbourhood of local markets and places where there are easy means of transit, and in localities more remote. In the latter districts the capture of crabs is practically nil, while in the vicinity of large towns, such as Belfast and Dublia, or where an easy access to the English markets in Liverpool and Manchester is offered, the capture of crabs forms an important and productive industry.

Dividing the coast into six arbitrary divisions for the purpose of comparison, starting from Dublin southwards, and continuing to follow the coast of the Island until we return to Dublin, we find the following as being the return of the numbers of crabs contured. as furnished by the Coast Guard Officers. It must be, however, remembered that these returns are by no means absolutely correct, but it may be taken that they roughly represent the numbers captured. In the district from Dublin to Waterford the total returns are only about 6,000. On the coast of the County Waterford, over 18,000 ceabs were taken. The next district, commencing at Cork and ending at Guidore, in Donogal, comprises almost all the South and West coasts; yet in this immense line of sea coses we find the capture to be only about 23,000. It is true that the returns in many instances furnish an explanation, large numbers of orahs being taken, and there being no market, either thrown back by the fishermen or used as balt. In many districts, however, on this coast line this fishery is entirely neglected by the fishermen.

owing to difficulties and expenses of transit. The next district extende from Guidore to Greenmatle, at the entrance to Lough

Foyle. This district, which is one of the wildest bits of coast in the Island, has a remarkable roturn of crabe captured, the figures being nearly half a million, by far the largest of any of the six arbitrary divisions of the coast. This large number of field seems to have been mostly taken by steamer to the Liverpool, Manchester, and Londou markets. It would cortainly seem a hopeful sign for this fishery, when it is proved that so large a trade can be carried on from this wild part of the Island, and there seems no reason why it should not extend to the Western and Southern coasts where it practically is at present non-existent, sepecially having regard to the light Railways now open or about to open.

there.

The next district, extending from Greenesstle to Dundalk, may be supposed to represent the supply of the Belfast market, the numbers taken there were about 93,000, plus a quantity of crabs given by weight, 31 cwt. The next district from Dundalk to Dublin also shows a large total, about 276,000.

These no doubt are chiefly for the Dublin market, and are captured round Rockabill and Lambay Island. The prices obtained for these crahe seem to have been above the average, 15d. per crah being obtained. The general price obtained seems to have been about 1d. per crab.

The total number of the foregoing reached nearly one million, which at 1d each would be worth about £4,000.

### MUSSELS

Nearly 6,000 tons of Mussels were gathered around the Coast for exportation during 1893. About three-fourths of the quantity came from Belfact Lough, and these were exported principally to Scotland for bait. The halance found markets in Liverpool, Manchester, London, and Bristol.

The prices obtained by the persons who gathered them differed widely. The lowest was 10s, per ton, and this was the rate for the Belfast Lough Mussels. In other places they fotched from 10s. to £3 per ton. Of the Carlingford Lough Mussels, 100 tons for local sale brought the latter price, while 700 tons, for exportation, realized

10s, per ton less. The total amount for the entire coast might be estimated at over £5,000.

Nearly 500 men, women, and children were engaged in the industry-generally speaking for from three to six months of the year. The export of Mussels from the North of Ireland is principally due to their scarcity on the Scotch Coasts, where they form the favourite bait of the hook, men. The operations of the exporters have had, undoubtedly, an injurious effect upon the heds

in Belfast Lough, and complaints have frequently been made of the searcity of mussels Printed image diguised by the University of Southampton Library Digitisation Unit

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The product of 1893 in this Lough were taken from the Channel between Whitehouse and Holywood, in about three fathoms of water. The mussels were sent by boat to Belfast, where they were sold to merchants, who sent them across Channel.

The following are the local details:-About 48 tons of mussels were gathered in Wexford Harbour for export by steamer to

Bristol and Liverpool. They fetched about £2 6s. 8d. a ton-in all about £112. Twenty persons gathered them between September and the end of April. At Ballinacourty (Co. Waterford), about 500 bags of 2 cwt. each-or 50 tons-were

gathered for export to Bristol, Liverpool, and London, by about 50 people, from Septomber to May. The average price was Ss. a bar-or SQs. a ton. The total amount resided would thus be about £75. They were sent to market by rail and steamer.

A few bars were sent from Cromane Point to Manchester. The price is not known. Ten persons were employed gathering them in October last.

From Derkmore (County Sligo), 2,166 cwts, were sent by cart and stemmer to London and Liverpool. They fetched about 2s. 6d. per cwt.-which would amount in all to over #270. Thirty persons guibered them from September to March,

From Ball Hill (Co. Donegal), 12 tone were sent to Liverpool and Manchester. The average price was 2s. per cwt., which would produce the amount of £2s in all. About 18 people were engaged gathering them in January, February, March, and October, From Moville, Lough Foyle, 60 tons were expected to Glasgow at 10s. per ton. They were sent by the Soctah seamers from Londonderry. They were used by the Soctah fabormen for bait. Large quantities are also used by the local fishermen here for the same purpose. The price of such is not obtainable. Twelve men were employed gathering them in March, April, and May, for market, and all the year round for local requirements.

From Whitebouse in Belfast Lough from 100 to 200 tons of mussels a week were exported to the fishing stations around Scotland between 1st October and 30th April. Total, about 4,500 tons. The average price is about 10s per ton. The total amount thus realized would be over £2,250. About 50 men are employed.

At Holywood, on the south shore of the Lough, small quantities were gathered for local sala. About 6 persons were engaged between February and Angust In Strangford Lough some of the local fishermen took a small quantity for bait.

It is stated that there are plenty of mussels in the Lough, but no sale for them. From the neighbourhood of Omestla (Carlingford Lough), about 800 tons were taken, 700 tons of these were sent to Belfast, Liverpool, and Manehester. The price was about 2s. 6d. per cwt. The remainder was sold locally at about 3s. per cwt. The outire proceeds would be about £2,050. The mussels were gathered in January, February, March, September, and October, by forty-three men and about 130 women and children. From Dundalk Bay, 500 bags were sent by steamer to Liverpool and Manchester. The price was 3s, 6d, per bag, in all about £87. The mussels were nicked by twenty-

five people in January, February, Marob, April, September, and October. From Mouth of Boyne, about 16 tims per week are experted yearly between 1st September and 1st February, by the Drogheda steam boats to Liverpool and Manchester, about 330 tons in all. The price was 21.5 s. of, a ton. The total amount

realized would thus be about, £412. About forty men and fifty or sixty women and children were employed gathering the mussels, and putting them in bars.

### COCKLES.

About 500 persons were sugaged at one time or another during the year gathering cookles. The total amount realized is estimated at about £2,400. Most of the take was sold locally, but a small quantity was exported.

Starting southwards from Dublin and going around the coast, the following are the local details. The cockles are gathered at, or in the neighbourhood of the places named. The figures given are estimated.

Contact (Co. Dublin).—About 23,000 gallous were taken throughout the year by about 30 persons, who sold them locally as an average price of \$cl. per gallon. This would relazion over 4750, which, divided among the gatherers, would give about £26 a year, or 10s, a week, to each, Ringsend (Co. Dublia).—About 10 tons were gutbered all the year round, which were carried about in baskets for local rale. They realized about £80, at £8 a ton. The

number of persons engaged varied from 10 to 40, many of the pickers selling granges and apples when in season Wexford .- About 60 tons were picked during the year and hawked through the

villages. They realized 14d a quart, in all about £420. During the summer months about 30 women were employed, but only 4 or 5 during the winter.

Bannow .- Five persons gathered throughout the year I ton of cockles for local sale. They were sold at about 1s. 4d. ner callon. The amount thus realized would he about £18.

Dunmero.—Seventy-eight tons were gathered by about 20 women throughout the rear. They were hawked through the district. The price was 7d, a gallon. The total amount realized was about £637 Tramore.—Eight persons were employed from 1st June to 30th October gathering

over 700 gallons of cookles. The latter were sold at 1d, a quart. The total sum realized would thus be about £12.

Ballinacourty.—The total take here was 100 baskets of half a cwt. each. Sixty baskets were expected to Brietol, by cart and steamer; and 40 sold locally. The price all round was 1s. 10st. a basket. The total amount realized would be nearly £10. From 30 to 40 persons were engaged, between February and September.

Ring Bar .- About 10 tons were gathered by 5 persons between May and September, and were sold locally at 6c. a gallon. The total sum realized would thus be £70. Braudon.-Along the strand, between Brandon and Kileunmin, cockles were gathered

in considerable quantities during the months of April, May, June, July, and Angust. by from 40 to 50 people. They were mostly for local sale, at Ls a gallon. The total quantity cannot be obtained, but it is probable that it realized about £50.

Ross (Killala).—About 800 sacks were gathered by 12 persons during March, April, May, and June, and were sold locally at 4s, a sack. Total sum realized, £160. Greencastle.-During April, May, and June, between 60 and 70 persons gathered in all about £34 worth of cocklee on Magilligan etrand. The price was 2d, per quart.

This would mean that 720 gallone were picked. They were all sent by local dealers to Ballymoun and Belfast. Moville.-Between March and May about 14 persons gathered 100 bushels. They were bought by local dealers who paid the pickers 1s. 6ol a bushel, and forwarded them to Belfast, Londonderry, and Limavady. The total sum realized would be £7 10s.

Whiteleouse.-On and eff during the year about 120 persons were engaged picking 350 gallone of cocklos. Two thirds were sent to Bulfast, whence they were exported to Liverpool; those realized 1s. 3d. per dozen quarts. The remainder were sold locally at 1s. per dozen quarts. Total about £7. Strangford .- A few boys and women, when not otherwise engaged between June and

September, cathered cockies and sold them locally at from 14d, to 2d, a quart. The quantity cannot be estimated.

Omenth.—Ten tous were taken by about 100 persons during the year and sent by train to Belfast chiefly. The price was 5s a cwt. The total sum realized would therefore he £50.

Giles' Quay .- None were gathered by the inhabitants of the neighbourhood, but some were taken by etrangers and cold in Dundalk. Dunany Point,-Thirteen men nicked about 12 cwt, between February and May, They were cold locally at 1d, a pint. The total sum reshized is estimated at £6. Baldoyle,-From 7 to 10 persons were engaged during the year. They took over 3,000 gallous; cold them locally. The price realized was 8d a gallon. The total sum

## PERIWINKLES.

would thue be over £100.

Periwinkles are gathered chiefly on the south and west coasts, only comparatively entall quantities being taken on the north and east coasts. None were gathered on the shores of Counties Londonderry or Wickley, and only a few on the coasts of Dublin and Wexford, in 1893. During the year about 1,950 tons were gathered round the whole coast of Ireland. They were taken at all seasons of the year, and realized over 26,650—the average price being about £3 8s. per ton. Nearly the whole was exported to London, Liverpool, Manchester, Bristol, Birmingbam, &c., the largest quantity being sent to London. A few tons were exported from Counties Mayo, Slige, Donegal, and Down to Scotland, and only about 140 tonewere disposed of locally in Ireland, including 23 tons sold in Dublin, and a few tons in Belfast. The following are the particulars of the approximate quantities, &c., taken at the different places around the coust, as furnished by Coast-guard officers.

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At Wexford .- 24 tons were gathered and exported to Bristol and Liverpool. They setched £2 10s, per ton, and were gathered by ten persons at spring tides in May, June, July, and August. At Bannow.-10 tons were gathered and exported to Bristol. They fetched about

\$2 4s, per ton, and were gathered by twelve persons in April, May, June, August, and September.

At Bosmahon.—About 564 tons were gathered and sent by carts to Dungarvan, where they fetched about £3 2s. per ton. They were gathered by about twenty-four persons during the whole year except in June and July. At Ballinacourty,-About 120 tons were gathered and exported to London and Liverpool. They fetched £2 10s. per ton, and were gathered by fifty or sixty people

from August to April. At Knocksdoon.-About 5 tons were gathered and exported to English markets, uid Youghal and Cork. They fetched from £7 15s. to £9 6s. per ton, and were gathered

by about sixty people in September and October. At Ballycotton.-21 tons were gathered and exported to London and Birmingham. They fetched £3 15s, per ton, and were gathered by about twenty-five people from

January to May, and in September and October. At Hallveroneen.-About 51 cwts. were gathered by two persons from June to

October, and sold locally, at about 7s. 6d. per ewt. At East Ferry,-26; tons were gathered and exported to London. They fetched £3 per ton, and were gathered by thirty persons throughout the whole year. At Robert's Cove .- About 12 tons were gathered and exported to London sig Cork.

Thay were sold for £2 13s, 4d, per ton. They were gathered by four women and five girls from April to October. At Upper Cove.—About 5 toes were gathered and experted to Liverpool. They

fetched from £2 to £2 10s, per ton, and were gathered by six persons from November to March. At Old Head .-- 2 tons were gathered and sent by carts to Kinsale, whence they were

exported to England. They fetched £2 10s, por ton, and were gathered by ten persons in January and February. AtCourtmassherry.—4 tons 3 owts. were gathered and exported to London via Milford. They fetched about £2 7s, per ton, and were gathered by about twenty persons,

mostly women, in January, February, and October. At Barry's Cove .- 50 tons were gathered and experted to London. They fetched about £2 13s, per ton, and were gathered by about twelve persone from May to

Sentember. At Ring Bar.-10 tons were gathered and exported to London. They fotched about £2 13s, per ton, and were gathered by five persons from May to September

At Mill Cove .- About 25 tons were gathered and exported to London. They fetched from £1 12s. to £2 2s. per ton, and were gathered by about fifteen persons in October and November. At Baltimore.-11 tons 8 cwts, were gathered and exported to London win Cork and

Milford. They fetched £2 per ton, and were gathered by one hundred and fifty persons in January, February, March, November, and December, At Castletown .- 80 tons were gathered and exported to Liverpool and London. They fetched £3 10s, per ton, and were gathered by thirty persons in February, Merch, October, and Nuvember

At Laurence Cove.-About 5 tons were gathered and exported to London. They fetched from £3 to £4 per ton, and were gathered by about twenty persons from October to February.

At Lackern Point.-About 12 tons were gathered and exported to London. They fetched from £2 to £2 12s, per ton, and were gathered by about eighty-five persons from October to March.

At Waterville.-About 31; tons were gathered and exported to London. They fetched from £2 6s. to £2 17s. per ton, and were gathered by about twenty-five persons from October to March.

At Kells.—About 31 tons were gathered and experted to London, via Cork and Milford. They fetched £4 13s, per ton, and were gathered by about thirty persons from September to January. At Cromane Point -1 ton was suthered and experted to London, where it was sold for

£5 8s. (which includes carriage and all other expenses). About twenty people were employed gathering the ton in October. At Minard.—2 tons were gathered and exported to London. They setched £1 per ton clear of carriage and all other charges, and were gathered by two families, comprising eight persons, in September and October. At Dingla.—About 16 tons were gathered and exported to Liverpool, Manchester, &c. They fetched from £1 11s. to £3 2s. per ton, and were gathered by five families.

comprising about twenty persons, from September to April.

At Fenit.—50 tons were gathered and exported to London. They fetched about

As renn.—90 tons were gathered and exported to London. They fatched about 23 18s, per ton, and were gathered by about seventy persons from September to April. At Cheben River.—About 23 tons were gathered and exported to London. They fatched 43 7s, per ton, and were gathered by about 100 persons in January, February, March, and October.

As Tarbert.—274 tone were gethered and experted to London. They fetched from 29 18s. to £5 12c. per ton, and were gathered by ninety persons, chiefly during the last four months of the year.

At Cappa.—About 250 tons were gathered and experted to London. They fotched
25 per ton, and were gathered by about 120 families from September to April.
At Kileredana.—About 32 tone were gathered and experted to Loudon. They

fetched from £4 to £4 18s, per ton, and were gathered by about fifteen persons from January to March, and from September to December. At Scaffeld—6½ tous were gathered and experted to Liverpool, Manchester, and

Dimingliam. They fetched about \$2 18s, per ton, and were gathered by shout distribute persons, mostly women and children, during October.

Af Hallyvanghan.—About 50 tons were gathered and experted to London. They

fetched from 22 2s, to 23 2s, per ton, and were gathered by about thirty-five persons from April to September. At North Arran Esland.—About 16 tons were gathered and experted to London.

They fatched from £4 13s to £8 per ton, and were gathered by about twesty-four persons, principally during January, February, and March, only s few being gathered during the remaining month to the were gathered and sent by our to Galway and thence to

Dublin, where they fetched about £4 per ton. About sweety people were employed gathering them throughout the year. At Costello Bay.—About 50 tons were gathered and exported to London. They

fetched £4 13s. per ton, and were gathered by about 300 people throughout the year. At Roundstone,—50 tone were gathered and sent to London and Dublin. They

fitched £2 10a per ton, and were gathered by from 200 to 300 people, mostly children, who were occasionally employed from September to April. A3 Children.—About 3 tons were gathered and sees by houser to Galway thence to

London. They fetched £2 per ton, and were gathered by about twenty persons from April to September.

At Oleggan.—14 tons were gathered and sent to Dublin. They fetched £4 per ton,

and were gathered by the children of sevention families (about forty in all), from October to May. As Tally.—About 90 tons were gathered and exported to London. They fetched

from £2 to £2 15t, per ton, and were gathered by the families of the Saherman (about 200 people in all—principally women and children), from October to April.

At Rosmoncy.—About 100 tans were gathered and experted, chiefly to London.

They folded if 2 10c per ton, and were gathered by about 200 persons throughout the year, only a few being taken in Junc and July.

At Achilbeg.—About 130 form were gathered, 100 tons being exported to London and 30 tons odd locally. They fotched from £2 5c to £3 5c per ton, and were gathered.

by 300 persons throughout the year.

At Bullemouth.—About 20 tous were gathered and experted to London. They fitched about £4 per ton, and were gathered by whout 200 persons throughout the

year.

At Doohoma.—About 25 tons were gathered and experted to Leedon. They
fetched £4 13a. per ton, and were gathered by twolve persons from June to Septamber.

At Blacksod Point, 174 tons were gathered and sent by hookers to Westport, whence

they were experted to London. They feelhed £1 12s, per ton, and were gathered by about fifty women and children principally during the summer ments.

At Elly Bay.—About 19 tons were gathered and sent by hockers to Westport, whence they were expected to London. They feelhed from £1 4s, to £1 16s, per ton,

and were gathered by fully thirty people throughout the year.

At Belmullet, 10 tons were gathered, and sent by hookers to Westport, whence they were exported to London. They fetched £2 10s, per ton, and were gathered by about thirty people, principally from March to June. At Ross (Killala).—About 5 tons were gathered and sent to Ballina by cart, whenever

they were exported to Scotland. They fetched about £4 3s. per ton, and were anthered by ten persons in September and October. At Pullocheny, 6? toos were gathered and exported to London. They fetched £2 10c per ton, and were gathered by about forty-five persons from January to April

and from September to December. At Pullendiva, 567 tons were gathered, 321 of which were experted to Liverpool and Manchester, the balance (24f tons) being sold locally. They fotched £2 per ton, and were gathered by forty-six persons throughout the year, those guthered from October to March bring exported, and those gathered from April to September being sold

locally. At Derkmore, 67 tons were gathered and exported to London and Liverpool, where they followed \$7 10s per ton. They were outligred by thirty persons from March to May when the highest prices are obtainable.

At Rosses Point, 22 tons were gathered and exported to London and Liverpool, They fetched £4 10s, per tou, and were gothered by thirty women and children from September to May. At Rashley, 25 tons were gathered and exported to Scotland. They fetched

22 10s. per ton, and were gathered by about twenty persons from April to December. At Ballysbanson,-About 30 tons were mathered and exported to Livernool and Giasgow. They fetched £2 10s, per ton, and were gathered by about twenty-five persons from April to July. At Tribana -About 6 tons were guthered and exported to London. They fotched

about £3 per ton, and were gathered by about eighty persons from January to April and from August to December. At Innisbolis, 9 tons were gathered and exported to London and Glasgow. They

fetched £3 10s, per ton, and were gathered by twenty people occasionally employed from May to October. At Mulroy.-About 20 tons were gathered and exported to Liverpool and London. They fetched .63 per too, and were gathered by about 100 persons, mostly women and

ebildren, from May to Sontomber, At Bathaullen.-About 9) tons were gathered and exported to London and Masschester. They fetched £2 5o per ton, and were gathered by about twenty persons from

April to September. At Moville.—About 374 tons were gathered and exported to Liverpool and London. They fetched £2 2s. \$d. per tou, and were gathered by thirty persons, including woman and children, from February to May,

At Whitehouse .- About 120 tons were guthered, half of which were exported to London and the other half sold locally. They fetched about £6 13s, per ton, and were gathered by about sixty-five people throughout the year.

At Marino.-A few were gathered, but no particulars as to quantity, &c., could be obtained. At Douaghadez.-About 12 tons were gathered and exported to London. They

fetched £4 10s, per ton, and were gathered by a few boys, employed occasionally from September to May At Millisle.—About 61 cwts, were gathered and sold locally. They fetched 4s. 8d.

per cwt. and were gathered by about fifteen persons from June to September. At Ballywalter.-About 2 tous were gathered and experted to Liverpool. They fetched £6 per ton, and were gathered by ten persons from August to April At Cloghy.-About 14 tons were gathered and sent to Belfast. They fetched about

£4 17s. per ton, and were gathered by about twelve persons from January to April, and from August to December, At Tara.—About 2½ tons were gathered and exported to Liverpool and Glasgow.

They fetched £4 13s, per tou, and were gathered by about twenty persons throughout the year, except during August and September. At Ardglass, 12 tons were guthered and exported to London. They fetched £6 per ton, and were gathered by about eight persons from October to April.

At Killough.-About 18 tons were gathered and exported to London. They fetched about £6 13s. per ton, and were gathered by about twenty persons throughout the year, except during June, July, and August. At Tyrella.-About 6 tons were gathered and experted to London. They fetched £5 10s. per ton, and were gathered by about eight persons throughout the year, except during June and July.

At Annalong, 24 fons were gathered and exported to Liverpool and London. They fatched 24 per ton, and were gathered by six persons throughout the year, except during July and August. At Lecatone, 15 tons were gathered and exported to Liverpool and London. They

fetched £4 per ton, and were gathered by fifteen women from November to May.

At Omeath.—About 7 tons were gathered and exported to Manchester and London.
They fetched £6 per ton, and were gathered by about thirty persons throughout the year.

At Carlingford.—About 1 ton was gathered and exported to London. It setched £4, and was gathered by twenty persons from October to May.

At Giles Quay.—About 3 tons were gathered and exported to Liverpool. They fetched about 24 10s, per ton, and were gathered by about twenty boys and girls from February to October.

Rebruary to October.

At Dunsuy Point, 25 toss were gathered and exported to Liverpool and London.

They fetched from £2 to £2 10s, per tos, and were gathered by about thirty persons.

from February to July.

At Clogher Heed.—About 14 tons were gathered and exported to Liverpool. They fetched from £4 to £6 per ton, and were gathered by three families, cumprising about fifteen remones in all, from January to April.

At Balbringen.—About 12 owts. were getthered and expoted to Liverpool. They fetched & p. ev. owt, and were gathered by shoot twelve persons, mostly young members of feltermen's families, from Manch to June.

At Skorries, 4 toms were gathered from February to August, and sent to Dublin for export. They were gathered by about twenty-five persons, who received £2 10a per ton for them.

#### SHEL

Shrimping is very slightly followed by the fisherson around Irished. In the michibarthood of Orich Harbon, belowen one and two tens were falson by head and and shrimp nearth from April to Nermodel, or II, the first leading the state of th

At the Bann Mouth four men gathered shrimps between March and July, to serve as hait for their long lines.

## IRISH CURED FISH.

During the post year the hake fishing off the Cork coast has been particularly good, and large quantities have been dried for the local markets; these fish are captured by hand-lines and trammels. In the district where the latter class of fishing is chiefly practised-hetween the Seven Heads and Galley Head-about £2,000 worth were salted and dried. The lake fishery attends westwards to Trales Bay, Smerrick being a specially good centre for it. The eming of ling and cod was less attended to on these coasts, but as we pass northwards the capture of these fish becomes of chief importance for the carring trade. In Clifden Coast Guard Division, which includes the Congested Districts Board Curing Station of Inishboffin, over £1,700 worth of cod and ling were prepared for market. Some of the fish were disposed of in the local markets, while othern were sent inland and as far as Dublin, Belfast, and Cork. - In Donegal also, where are several of the new curing stations, a still greater amount was prepared for sale. Besides the curing of cod and ling, the fishermen cure immense quantities of bream, haddock, whiting, glasson or pollock, and conger, for sale in the local markets. According to the returns of Irish cured fish we have received, we can state that over 222,000 worth was oured during the past year; but as the Coast Guard at some places reported that "it was impossible to obtain the desired information," and as among these places were such important fishing centres as the Arran Islands on the west and Rush on the east coast, the figuree given must be looked upon as much short of a full statement of the facts.

## REPORTS OF DIVISIONAL OFFICERS OF COASTGUARD.

### WICKLOW DIVISION.

The fishing off the greates of this division appears to be steadily on the decline, except off the Wicklow portion, where there appears to be an improvement on last year's fishing, more especially with the cod, codling, and pollock fishing.

(Signed), J. H. Coare, Inspecting Commander.

# Wexpose Diversor. On the general condition of the fishing industry in this division there does not appear

to be much improvement on previous years.

At Wexford.—The trawl fishing has been good especially in size of fish. Owing to an oyster hod having been found off Roselare Point, this class of fishing hids fair to become very good. Other classes of shell fish except perivinkles are the same as other years.

The fishermen are an orderly, but not over hard working class of people.

At Morris Castle.—There has been no fishing this year, beats going to deeny, the fishermen being farmers also.

At Carracles—There has been no fishing here this year. The fishermen, who are small farmers and labourers, only fishing during hereing seasons.

At Rosslare and Bullygoary.—The hand line and seine fishing has been fairly good this pare oring to good weather. The herring fishing, which is the principal cas, has not produced any large eaches. The fisherment bere are an orderly and gonerally hard working class of men.

At Carnover.—Very little fabling is done at this place, the principal fishing being

At Carmone.—Very attle feating is done at this place, the principal families could be able to them so plantiful as in previous years. The hand line fishing has been good.

At Kilmora.—There has been an improvement on former years in the amount of fish suggests at this place, expecially in lobeters, but not so good in the mackerel finding, the

boats and note not being kept up to the standard for this class of fish.

At Ber of Lough and Bannow.—There is very little fishing done at these places, the
majority of fish caught being for consumption by the faulities of the fishermen.

(Signed), Gro. Izav, Inspecting Commander.

### YOUGHAL DIVISION.

The sea fishing throughout the year 1893, at the several stations in this division, has not been prosperous, no takes of any importance having been made. Sprat fishing a failure, 600 fixhins having only been caught. Lobster and orth fishing of no importance.

Signed), Greece Daumy, Inspecting Lieutenant.

## QUERRITOWN DIVISION.

In examining the returne from the Queenstorm. Divinion, I bug to remined the Finkery Inspectors of my remarks has ree, pointings out that from Garryere to Roche Front, and from Warrer Felsit to Minnes Berrer, fixes the open ses; and that from Roche Felsit to Warrer Fach, including most of the Roche Felsit and Constance punch, and the whole of the East Ferry parant; since Queenstown Hardwar, between the Constance of the Constanc

and the station officer at Poor Head reports that seven hosts which have not fished this year will probably he broken up. There is, however, a new first-class host on Printed image digitised by the University of Southampton Library Digitisation Unit

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the Croschaven list, which may be due to the example set by the Scotch hoats refurred to in paragraph 4 of this report.

On the other hand the number of men employed is about the same as last year.

On the other hand the number of men employed is about the same as last year. The most novel fasture in this year's finling operation was the arrival of seventum (or eighteen) Scotch boats at Qassentown for the spring herring and mackerd fithing; they were large first-clase boats, chiefly from Lonemonth, on the east coast of Scotland. They carried on their operations with great vigour during May and the first half of Jung, during the still weather (of which there was a good das), and by

which their fishing was rather hindared); a tog was employed to low the boats from the entrance of the harbour np to Queenstown, where most of their fish were landed, and from where they were forwarded shiefly to the English markets.

As no Consequend are stationed at Queenstown, I was unable to ascertain from day to day how thay were doing, but the Statism Master of the Green's Southern and Western Railway at Queenstown has been good enough to inform me that 170 tons were forwarded by rail during that period; building about 250 tons that were shipped into ascamers at the deep vator quay at Queenstown. I have no record of any South-bank having made Queenstown their beadquarters

I have no record of any Scotch boats having made Quecessiown their headquarters before; they certainly have not done so cince 1839.

There being no Consignand at Queenstown, Ballycotton is the only place where I can obtain any idea of the fish that are being landed. There has been a very

I can obtain say idea of the feb that are being landed. There has been a very large number of polleck taken in August and Sispenhen, and a slight interace in the lobsters, otherwise the fishing has been only fairly good. The spring herring fishery was small, but this was probably due to the fish having been taken to Quoenstown.

(Signed). Rossay H. Azozaz, Inscoulter Commander.

# KINIALS DIVISION.

Herring fishing lasted a month, a small take in comparison with previous years, being less than half that of 1892, but with rather better prices.

Cod, ling, and haddook. A elight improvement on last year.

Mackerel spring fishing disastrous to everybody concerned.

Mackerel antimm fishing, a reviving infestry as regards Kinsale, 824 hards having been cured, against none in the previous year. This is up to the end of October. Hake up to the present remarkably good, this fishing has practically saved the fishermen from ruin, the quantity cought being nearly four times that of 1892, and the money value 25,095, against £4,094.

Whiting and eprate. Practically a failure. A very bed year on the whole.

(Signed), ROHALD HALL, Inspecting Commander.

### SKIRBERREN DIVISION.

The spring fishing this year was had owing. I think, to the continuous east winds provabling at least time, winds ensemed be when densel of ordering the fish to be lowed, provable the contraction of the contract of the contract of the contract of the being recorded attack the whole count in this drivinon, line fishing generally good. I have eaght to depose the wast of assembleding for the curry off molecule, which carries as well as general tracker, and the public generally, in consecution, curren as well as general tracker, and the public generally, in consecution, the current as well as general tracker, and the public generally, in the contraction of the current as well as general tracker, and the public generally, in the contraction of the current of the contraction of the current of the

I have again to call the attention of your Board to the state of the Union Hall Fier, which owing to the foundations ethicing, and other cannes, is repairly becoming unsafe for vessels to lay alongside, and also to the utter want of pier accommodation at Contributowabset, port which is increasing yearly in importance as a fishing outset, and granted a Provinceal Order to form a Barbour Board during the late Sension of Parliamont.

(Signed), H. Warnen, Inspecting Lieutenant.

### CASTLETOWN DIVISION.

The year 1893 was very good as regards the spring mackerel fishing. The numberof French boats that visited the locality was 41; they began to arrive about 17th March; 57 Irish boats, 18 English and Manx boats. The last boats left about 20th June, there being no buyers to take the fish.

During September and October large numbers of mackerel were caught and cured They were quite close inshore The inhabitants state that they had never seen such quantities of fish in Quoylarh Bay, also Ballydonegan Bay. Large quantities were also off Bere Island, and Sheenhead

to Whitehorse.

(Signed), WM. ALLEY, Divisional Officer.

## Divigia Division

Minard.-Very faw mackerel or fish of any kind captured off the guards of this station Dingle.-Trawling vessels did fairly well this year, but the quantities captured were

below that of 1892. Cances, with long lines, caught large quantities of cod, ling, conger, hake, haddock, whiting, &c. If the pier at Dingle was extended into deeper water, the large boats engaged in

mackerel fishing, which at present sell the fish at Ventry and Smarwick, would bring it to Dingle, where it would realise a better price, being near a railway. Ventry .- The spring mackerel captured was far above the average of former years. both in quantity and quality. Autumn mackered below the average. Herrings were

cancelet in large greantities, during the spring and autumn. Smorwick and Brandon.-Very large quantities of mackerel were captured during the year, far above the average of any previous year.

A great number of cod, ling, conger, hake, haddock, &c., were caught during the year by the long-line fishermen. (Signed), JAMES DONOVAN, Divisional Officer.

The fishing in this neighbourhood appears to have been generally successful, especially in the matter of mackersl, of which a great quantity has been taken (Signed).

W. D. MORRESH, Inspecting Commander.

### BALLYBRIGE DIVISION. .

The general fishing has been of a nominal character this year. Shouls of mackerel' and herrings have been observed in Ballyheige Bay, but there are no proper beats or note to eatch them, owing to there being no place of shelter. A pier would be a great benefit for the shelter of fishing boats in Ballyheige Bay. From the report of the station officer at Cashan River, there seems to be good trawling ground in that locality.

(Signed), EDWD, JOHNS, Divisional Officer.

#### SEATURED DIVISION.

There have been large shoals of mackerel, and a good quantity of herring at times off the west coast of this division, and very large quantities of mackerel have been eaught with the small drift nets and canoes, so much so that in Scaffeld, Quilty, and Cloghauninchy, the fish have bad to be destroyed. A curing shed at Quilty, where there is a railway station, would have been the means of saving thousands of mackerel for export

I would recommend to the Fishery Board that if the Government can see their way to lay out any more money on the improvements of barbours for fishing vessels on this coast, that the best natural harbour is Morville Bay, on the ninth guard of Scafield Station. In this bay steamers have beached and discharged their cargoes in safety. A broakwater from the north (Cream Point) side would make this bay a perfect harbour of retuge, and might be the means of bringing in a large number of fishing vessels of the first class to sell their fish, or convey them by train from Miltown Malbay, which is less than one mile. If this were done, and a curing shed also constructed here, I am of opinion that it would be the means of developing the fishery industry on this coast to an enormous extent.

Scafield Pier is no good at all as a harbour of rafege, as it could not be approached much less entered in bad weather.

Liscanor Harbour can only be entered in fine weather and high water, on account of the pier not having been extended sufficiently far out to sea, consequently it is of no use as a harbour of refuge for fishing vessels.

Kilkee Bay is also unapproschable in bad weather.

Therefore there is no harbour of refuge at all on this coast, and, in my opinion,
Merville Bay, as before mentioned, is the most easy and suitable place to make one.

Merville Bay, as before meutioned, is the most easy and suitable place to make on (Signed), C. PAGET, Inspecting Lieutanant.

### GALWAY DIVISION

The Divisional Officer at Galway reports no improvement in the fisheries, owing to want of energy in the fishermen.

### CLIPBEN DIVISION,

This year has been exceptionally good for fishing in this division on account of the fine weather.

A great increase in the take of lobsters is abown, especially at Roundstone, but the increase has been research all round this coast.

Complaints, as usual, of the want of nets and gear come from all parts.

(Signed), Thos. E. Counnaxe, Inspecting Lieutenant.

## BELWULLET DIVISION.

There are no first or account class boats in the division, and no men who are professional fishermen solely engaged in fishing. From this you will see that fishing as an important industry is not carried on in this neighbourhood. The reason is that there is no market for fresh fish, as Belmullet is forty-two miles from the nearest railway station,

The bests used are principally corregby, anders unable to fish recept in fine weather; he me as a red are very prior and above reprinted relating given they rese weight when the surface of the prior that the contract of th

change is the style of fishing, or to induce people to exply larger boats for the work; bothing but a ruley will de this average re-labeter. Dry one cought at Indukes and Durlillammore Intends. The fifth are bought by merchants in Behmellet, and Durlillammore, incitating three to five downs, to Dublish. The carriage to forwarded in locate, containing three to five downs, to Dublish. The carriage to reaching Dublish are to properly of average house by one before getting to a textia. After area and to London, Manchester, and Livergrob, but this one only be done in cool of the contract of the contract

Dubble comes to about 30 per cent, or tased value. A confidential number due to desire reaching Dubble, not keep have a parray of a very control of the control of the control of the control of the time on only be does in one weather. This breach of the fishing industry would be a much produce more of profits both to daharmen and merchanic if there were a rulley so to Benderic Control of the co

fishing on Sundaye. I think all eteam trawling inside Blacksod Bay should be prohibited; but if this cannot be done, that the Coast Guard Officers abould be empowered to stop Sunday fishing.

empowers to any course, resource of a formation of a formation of a formation that this place is admirably adapted by nature to be the centre of a very important fishing industry. The adjoining seas teem with fish, and there are seculiant anthoroges for large boats in both Broadhaven and Blacksod Bay. The one thing wanting to develop it is a reilway to Belmullet. If this were once opened I feel convinced that it would pay anyone well to fit out and work a large number of first and second class boats.

> (Signed) J. NETHERY HILL, Inspecting Lientenant

# BALLYCASTLE (KILLALA) DIVISION.

There is not in this district much fishing as an industry, I believe on account of want of harbours, or places of refuge in bad weather, and also the difficulty of transport to any large town, or ouring station, Belderig.—The best place for fishing purposes in this Division. A pier built here

would do much to encourage the fishermen of the place, and would make a decent

harbour. Ballycastle.—The breakwater, if extended another fifty yards, and forming an albow, would be great protection to the boats landing fish, or hauling up. The Bay being open and exposed, a one very coop gets up, and fishermen do not go out unless in fairly good

weather. Kilcummin.—A boat-slip here would be very useful to anable the boats in bad weather being run up in safety, as the landing at present is on large etones, and in any cea damage to the hoats is certain. The dip has, I believe, been petitioned for previously.

Rom .-- A pier at Portavada would be of great benefit to the fishermen in bad weather. (Signed), W. J. H. AUTON, Inspecting Lieutenant.

# Stago Drymow.

The ood and ling fishery was good this year; mackerel not good. Herring in the antemn—very good takes in Donsgal Bay; further south of Sligo Bay, not so good. Spring herring fishery there was none except at Rachley. Rosses Point men go out but little. The Reghley and Mullegbmore men would, no doubt, do better if hetter means of transport than carts were available. The men at these places send principally to Sugo, distant fourteen and seventeen miles respectively, and the roads

A fair amount of fish is sold locally at all those stations, at Bundoran particularly; also Mullsghmore in summer.

> (Signed), Francis Spring-Ricu, Inspecting Lieutenant.

#### KILLYRROR DIVISION.

Takes generally above the average of previous years. Herrings came into Donegal Bay in large quantities from the middle of September to the end of October, and advantage was taken of this by the fishermen, though unfavourable weather prevented complete success. Herrings also came into Boylagh Bay in large choals somewhat later in the season, and large quantities were taken.

Suggestions for improvement offishing.—The road to the old Coastguard Station, Teelin Harbour, being almost completed, I think that a small pier for landing fish at this part of the barbour would be useful. A good por at Portago for shelter of boats, whilst unloading and whilst moored, would be useful were there more boats and men employed in fishing to warrant the

expense.

(Signed), V. D. Hughes, Inspecting Lientenant.

#### GUIDORE DIVISION.

There have been several large shoals of fish seen off the coast during the summer months. Since the beginning of September, good catches of herring have been taken; also cod, haddock, bream, whiting, and glasson, in thir quantities have been caught.

(Signed). JAMES W. BRIDGE, Divisional Officer.

#### RATHMULIAN DIVISION.

A large quantity of herrings appeared in Downing's Bay at the end of October and early in November. Many were taken, but poor prices obtained. It is much to be hoped that the Curing Stations erected by the Congested Districts Board at Downing's Bay and Tory Island may be commercially successful. That at Downing's Bay has been worked for the enring of cod and ling during a part of this year to the great advantage of the fishermen, who sell their fish at once on the pier to the manager. The cod cured were not good, being out of season, but doubtless, experience will prevent

The boatslip at Maghersrearty for the Tory and other islands fishermsa is an urgent need; the men landing get wet up to their waists, and have often to remain in wet clothen for hours.

It was a fair average season for the fishing in this Division.

## (Signed), CHAR. G. PRATES, Inspecting Lientenant.

#### MOVILLE DIVISION.

The general state of the fisheries in this District has been fairly good. Ovstern are doing better than for a number of years. I have also to report the loss of seven boats in a gale, five being at Moville; the accommodation at the fishery pier being quite inadequate for the number of boats using it, and had shelter been available, the posts would have been saved.

> (Signed). Hv. Geo. Manue, Acting Divisional Officer.

#### BALLYCASTLE (ANTRIN) DIVISION.

The usual methods of fishing off this coast are by hand and long lines and draft nets; some trawlers off Portrush and Port Stewart during the summer months.

The fishing has not been so good this year as in some preceding years, especially in the capture of lobsters The want of a boat harhour is very detrimental to the fishing industry at this port.

#### H. M'A. CUTTIELD, Inspecting Lieutenant. (Signed).

#### STRANSFORD DIVISION.

The carriage of fish to market is a serious drawback to the fishermen, who must

take whatever is given them, and cometimes the returns are small indeed. Black pollock, or, as they are locally named, blockin, are taken in large quantities on both sides of the Lough with nets (scine). They are sold locally to fish bayers, and taken into the country and small inland towns for sale. Thousands of those fish are sold to the huyers for Sd. per hundred (120), which would bring in any market from 3s. to 5s. per hundred (120). During the months of July and Angust a great number are caught by the inhabitants for sport, and visitors and tourists join in it. The Killard detachment guards are included in those of Strangford.

The lobsters taken off Tars are numerons, the transit is bad. Sometimes the carters will not take the fish away, consequently they have to be returned to the water again, and by the time they are taken away they die in transit, and the fishermen get no return for dead fish. I would say that the fishermen get about one-half the value of the fish, and very often not so much.

At Gunn's Island the station officer there has nearly the whole under his immediate AN CHARGE THE MEASURE OF MEASURE OFFICER AND ACCURATE A MEASURE AND ACCURATE AND AC

Sometimes mackerel come into, and up the Lough; several were exught up the Lough this year with long lines. This occurs only once in several years.

The boatmen on the unguarded portions of the Lough have a horror of registering and marking their boats, as they say they don't like to have them covered with paint marks and numbers all over, and there is no means which we can take to make the registered boats be numbered properly.

(Signed), J. J. M'Cullen, Divisional Officer.

#### NEWGASTLE DIVISION.

I have nothing to add to previous reports. The harbour at Newcastle remains in the deplorably useless state so often reported (Signed), John C. Roughton, Inspecting Licutement.

### SALMON FISHERIES.

#### GENERAL

Owing to the extremely dry weather, and consequent low state of the water in every part of Ireland during the year 1893, the open season was a bad one both for netting and angling. It is difficult to assign a reason why the notting in estuaries and tidal waters generally should have been so much below the average take; but a careful examination of the reports from the various Boards of Conservators of Fisheries seems to show that the capture, not alone of salmon, but of sea or white tront, in the majority of those rivers frequented by both these classes of fish, has largely diminished. A cosson such as that of 1893 affords no fair criterion of the actual state of the salmon fisheries. It is satisfactory to observe from the reports received of the spawning season of 1893-4, that in many districts a fair amount of fish were observed on the spawning beds of the various rivers, and that owing to the floods, the fish were to a large extent protected from the operations of the poschers, and were enabled to drop back into the main rivers, after spawning But at the came time it is right to add that these same floods may, in mountain tributaries. have carried down a large portion of the ova deposited upon the spawning beds. and destroyed it. We regret to have again to call attention to the large number of cases of poisoning

rivers by means of purps, Dephevine Hiberson, can river (Bonghiy), county Kerry) having born promotion on to be that no different contents; and we fare this without special legislation, based convenient on the lines regarded in our hast report, it will be impossible to stamp out this must unisolveney posticle. We also beg to draw attention to the great injury done to sulmon rivers in fax; proving districts, by the water in which the fax has been stoped into presentate to the win the instead of water in which the fax has been stoped into presentate to the win the instead of rorth the nighty caused to the salmon fiduries, by those sarts of auchiences, the illuships of the arceleo, and also the useful necessaries of the salmon fiduries in the salmon fiduries.

That eminent eccenties, the late Sir Robert Kane, zz.z., &c., &c., in his "Industrial Resources of Ireland" says :—

"The last was the which the last was expect passing provided for even a nature, has boundaries by the except passing the provided for the prov

40

other and highly reasumenting modes, all the received moderfule. . . . Its nutritive quality cannot be restered, but, mixed with the water of the flacestern, it should complete the restoration to the wall of the constituents. the growing flax."

An erroscous opinion having existed in some places that running scater was preferable for steering, the following extract from the Instructions given by the FLAX SOCRET may serve to

remove the prejudice. WATERING OF FLAX.

"This should be done in soft water, and to invare this let the stop-lefts be filled seven weeks before required, that the sun and nor way agine our nearest. They should be day from 5 to 13 feet, by should write the winds, for the facts you do to 1 filled from running water, if possible; sun, direct the facts, you got in, to complish unstand ony addition, except in case of leakage, and then to add most caustonish. On the Continent the same posts are used year after year." And another distinguished scientist, the present Sir Charles Cameron, M.D., Professor

of Hygiene, Royal College of Surgeons in Ireland, City Analyst, &c., &c., gives the following analysis of the component parts of flax water :-EXTRACT OF ANALYSIS by CHARLES A. CAMERON, Esq., M.D., Professor of Hygione, R.C.S.; Professor

of Chemistry, Steevene's Hospital and Ledwish School of Medicine, and City Analysis;-#The results of my Analysis show that 1,000 miless of this lively contain-

"Organic or Combustible "Minoral or Incombustal	e Matters,					30 lbs. 4 owners. 23 lbs. 4 owners.	
"Dineral or Incombants	DOO SUNCAM	ок, .				23 104. 4 OMBZON,	
" Total	Belid Matte	por 1,0	10 gallon			53-j. Pos.	
"The Organic Matter co	a Inchada				scie,	3 lbs. 14 cences.	
"Phosphorus Asid,	equivalent (	o Phorp!	ate of Li	136,		1 lb. 2 owners.	
" Potash Saltu,						5 lbs. 10 cances.	
" Bods Balts,						10½ Ita."	

In spite of all this, a very large number of cases of pollution of rivers by flax water In spite of an easy, a variety of the penalty fixed by the 5th and 5th of Her Majesty the Queen (cap. 106, sec. 80), "for throwing, emptying, or causing to run or flow into any river or lake, any dye stuff, lime, spurze, flax, hemp, or other deleterious or peisonous matter "is any sum not exceeding £10; but Boards of Conservators complain. and with great justice, that magnitrates, in many cases, will merely inflict nominal penalties, and that, consequently, it is frequently useless to institute proceedings, at a very considerable cost. This is to be deplored, as it tends to increase offeness of this nature when those offending are aware that they can act almost with impunity.

As regards the question of the erection of fish passes over weirs in rivers frequented hy salmon, it is much to be regretted that, owing to the limited funds at the dispersal of Boards of Conservators, very little is done in this direction; as there is but little doubt that if passes were made over obstructions in most of the rivers in Ireland large areas of spewning ground would be opened up. It has been suggested that if a small fund were placed at our disposal out of which lears could be made to Boards of Conservators or others, on somewhat similar lines to loans made for other purposes by the Commissioners of Public Works in Ireland, it would prove advantageous to the salmon

fisheries. With regard to the River Shannon, which is vested in the Commissioners of Public Works as Commissioners of the River, the Chairman of the Board (Lieutenant-General Sir Richard Sankey, R.R., E.O.R.) and his colleagues have most courteously expressed a desire to assist us in every way in their power, as regards the construction of efficient fish passes over the various weirs connected with drainage or navigation. This we look upon as of great importance, as it is expected that some good will

result from the harmonious action of the two departments. We are now in a better position to deal with the illicit traffic of salmon carried on in the close season, owing to a very valuable and exhaustive opinion given by the Honorable the Solicitor-General for Ireland (Mr. Hemphill, q.c.), and we trust that in a year or two we will be enabled in a great measure to put a stop to this practice. The Fishmongers Company, through their courteous clerk, Mr. J. Wrench Towse, have given us most cordial aid in endeavouring to suppress this sale of salmon captured at a period when it is illegal to do so,

It is satisfactory to be able to report to your Excellency that the artificial propagation of salmon is being slightly extended, and we trust that we may be in a position to state in our next report that it has been introduced into such other districts as may be considered necessary for a proper stocking of the rivers therein

It is to be regretted that we have no means of obtaining statistics of the capture of salmon throughout Ireland, as it would be important to be in a position to authoritatively show the actual capture in the various rivers in order to determine the question as to whether the fisheries were becoming more or loss productive, or in what way the espture varies from year to year. There are no doubt great and obvious difficulties in the way of obtaining this information. The increase however in the amount received from the sale of licences in the various districts from £3,659 7z. 6d. in the year 1863 to £10,509 5s. in the year 1893, would point to the conclusion that the salmon fisheries have been stendily improving.

The result of the various inquiries held by us during the year, so far as the by-laws consequent thereon have been approved by your Excellency in Council, will be found in the appondices. In some cases, owing to the steps required by the statute, they have not yet been submitted for the consideration of your Excellency and the Privy

#### DISEASE

As promised in our last report, we now submit for your Excellency's information, the report of Doctor Edmond McWeeney, M.A., M.D., &c., on the cubject of the origin and nature of a disease which was observed in the smolts from a certain district in the North of Ireland. It would be most desirable if we were authorized to incur a small annual expenditure for observations of this nature in any district where some of disease might from time to time be observed-

REFORM On the EXAMINATION of SPECIMENS of DISCUSSIO SALMON, presented to the INSPECTORS of IRISH FISHERIES, by EDWOND J. McWescer, M.A., M.D.

"The first produces which I received during 1893 consisted of a number of column for, or ac-called alorins, averaging about 12 insites in length. They came from a insistery at Ballisohne, and I was requested to find out, if possible, what was the disease which had conved their death. "A microscopical examination of the spectrosco, which were in very well preserved condition, soon revealed the presence of large non-septate hypine full of granular protoplasm, intermined with cel-broghets. This at once suggested the presence of Seprolegnia in a depresents condition, the off-droplets settlered through the once aggresses as processes of the control to the c and weshed cut, were introduced into the ressal. In a few days the characteristic furry appearance had developed record the files, and the dend aboves were thickly could over with the some instead. Careful contripied entered to the said field and devise were finishly used over with the same statistics. Could appear the contribution of the said and the

Great Britain, owing to its highly developed and destructive presultion "Whilet this specimen was in the leboratory a very curious change because apparent in its abstractors. Three or four days having elapsed since the last observation was made, fresh picces of fungus were detected from the files and placed under the microscope. Numerous roospoungs were at once observed, produced, however, by cymuse bounding from a point on the hypis close to the basel portion of the already emptied sparsage. This fact together with the tendency of the receptors to remain grouped together instead of wandering away effor leaving the mouth of the defraced spreaging showed that an Achlyn was now present. Side by side site learly the most of its delined preception showed that as Jacky, was not present. She by site that Askips, was now present. She by site that Askips was now present. She by site that Askips was now present. She has been seen that the site of t the sound have the control of the cultures gradually executable to an ever-increasing swarm of besterial expansions. Neither can I determine whether the case was one of conjuint passition or whether the consystent

of nine or ten included in the grous) which appears to have attracted special attention both in Germany and

This young fish and ove are not unfrequently estached by species of Achipe is a known fiest, one will accretional natures of which is their recorded by Hemphry, who found that troot eggs fions a batchery is Massachemist were destroyed by Achipa reasons (Hibble) our scalingers, (Comit). Humphry stotes that he Manachemita were destroyed by Actiya recreases (1995a) war, staling-ra, (Cornic). Principlary states that he is informed that it is "necessary to remove dead oggs very frequently, since the infection spreads mailly. is informed that in it is commany to rection oness eggs very projectionly, since the microsin spices in again, and all the eggs in the habitalyseleny are lifted unline that is than. After the eggs were britised the years for spices and to be single as the habitalyseleny are lifted unline that is than a. After the eggs were britised that years for spices and the latter of the spices are the spices and the spices are the spi

forwarded me, a selection, asserbly throe first long, earst up early last Pobrasay from Derrock, on the River Bush, Quenty Antrius. The fish presented a sixtly appearance, the to publish of neutrinoscous material as its body and fine, and various abight alternation of the sixth not deep complet to the called where. The on the body and not was shown, by a series of experiments similar to that just detailed, to be Sopvelouis from the fall was however, for from being overgrown by the fungas, and I undertook a counted dissection with a view to assortain if any other cause for its unhealthrows could be found. Certain appearances in the liver assued us to preserve some pieces of that organ is shocket electric. The arinary blaider yielded on serrosing a number of characteristic precessoremial "pelo-capazion." Those organisms oridently observed in

the stream for reasons that will be seen here or.

"After weaking fitness, berefring and embadding, positions of the urinary blobber and livre were eskints serial section, station by workers mutuals and accumumd. The optibility fitness of the univary blobber do not seen well preserved. It is place we taken by a hyper of well guarantee, which secured like union's option of the control options of the control options are taken by a hyper of well guarantee, which secured like union's options. sarial sections, statical by whose accessors are section of the control of the co accumulations, which I have monitored, were cometimes in immediate relation to the bacteria, and this fact, taken above with the environmenta absence of horteria from the free surfaces of the structure, scene to ma to indicate that the bacterial invasion had taken place suite vitine, and was not ( as I was at first inclined to blink) the more varies expressed of possesses of decomposition. There were serie obviously pateriseine hasterin present in and on the appendix layer of the bladder-well, but they were few in number. The tissues survensiting the desper hecterial accumulations were often necrotic. In fact, the approximates reminded one and not, as in the present ease, diplo-becilli. The length of the pair was from 2 to 4 pc.

\*\*Particus of the tissoo were compled by a peculiar relicular structure with avail, frintily-stricting, hyulizo masses, bring in the meloc of the network, los, as a rule, not needly filling the spaces in which they lary. The meloc relicular is these megical articals to take the state in these megical, and I ferbour from argumenting any opinions us to the metal.

"No promptrumal sperceptia could be found in may of the settient unless indeed the appearances just described be unequality of this interpretation, which I very most described by the this reason I am not inclined to actual any imperiouses to the familing of proconcerns in the third-remannous positions in which L. Prieffer and other vertices on this subject first of them to be about investedly present. Has a perceptural infection played only port in the filters of that fish I should endoubted by laws found them not apreciy on the surface of

the measure measure, but also conglumerated tepother in the deeper part of the timps. The sections of liver showed the microscopic structure of this organ very well, the majority of the sellcolumns removeing their muche, as did the warraing structures and their contents without exception. many of the smaller capillaries there could be seen with the law power lake lines, which on avolving the off-

in "single die" between the column of liver cells, the model of which had been brought out by a previous " As to the simufcance of these lasteris, I occase express a confident coining. Their presence intra estars "As to the significance or these moments, a source express a comment opinion. A new pressure in the world constitute a next of blood polecting which, as it might easily be anyposed, would prove highly detributed in the first providing the p

the Sepretureis may have so weakened the vital forces of the fish as to permit of the investor of its tissues by bacteris while still abre. Aguin, it is of course possible that the becters may have been present simply as putrefactive organisms inveding a dead fish. On the whole I think the former view is the more probable, but patrenetive organisms investing a dead lish. On the whole I think the former view :
from material, examined self-lee, is receivishe before scientific certainty can be establed \* In conclusion I beg to point out to the Inspectors the importance of the study of placine pathology from a practical point of view. The better the exact nature of fish-disease is understood the more lately it is the practical point of view.

the proceeds peake of vote. As we were an exact manage of the customers in the present of the relative could be a relative to the course of the course of the relative visit is a but daily as possible, so as to leave, the charge of their inflocing others, and specimens should be whitted as a matter of routes to a custom according to the course of their inflocing others, and specimens should be whitted as as matter of routes to a custom according to the course systematically adopted. our knowledge of an important branch of economic science would, in a very few years, he rendered vastly more axtensive and somerate.

"30th September, 1883."

Literature on relations of Saproleguineen to Fish :--

Literature on Saprologniaces from the Botanical standpoint ;-

Many Works by De Bury and Pringebolm.

Arches, W. (of Dealth). "On two over Species in Suprelegation," Q.A.M.S. VII., page 121.

Humong, M. M. (of Owely): "Street Research on the Suprelegation." Azada of Sectory, Vol. XI, page 221.

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### INSPECTORS OF IRISH FISHERIES. PUBLIC INQUIRIES.

During the year 1893 public inquiries were held at the following places, and were attended by large numbers of persons interested :-

No. 1, or DUBLIN DISTRICT. At Wieklew, on the 14th day of July; at Bray, on the 18th day of July; at New-bridge, on the 19th day of July; at Bleesington, on the 21st day of July; and at Doblin, on the 25th day of July. To incurie: —

" 1. Into subject of the close time for not fishing in the fresh water portion of the Bray river, in the district defined and knows as the No. 1, or Dublin district.

" 2. For the purpose of defining the boundary between the trial and firsh water portions of the said Bray "S. To make a by-law prohibiting to heat the water or to throw stones or other missies therein for the purpose of driving fish close into the banks of any rivers within the said district."

#### No. 2. WEXPORD DISTRICT.

At Wexford, on the 16th and 17th days of November; at Ennisorthy, on the 18th and 19th days of November; and at Tallow, on the 21st day of November. To inquire into an application for a change of the close time for netting and angling in the River

At Wexford, on the 16th day of November. To inquire into an application to pass a by-law, prohibiting the use of seine note in that part of the River Slaney which is situated between Wexford Bridge and Ferry Carrig Bridge.

At Wexford, on the 16th day of November; at Ennisorthy, on the 18th day of November; and at Tullow on the 21st day of November. To inquire into an application respecting the size of the mesh of nets at present used for the capture of salmon and see trout in the tidal waters of the River Slaney.

#### No. 3. WATERFORD DISTRICT.

At Waterford, on the 29th of March, a Court was held to inquire into the applica-tion of Major James Duff Coghlan, of 4, Park-place, St. James's, London, respecting the legality or illegality of a Sooteh or Stake Weir, situated in Waterford Harbour, on the shore of Dromina, Parish of Crooke, Barony of Gaultiere, and County of Waterford, in so far as the same might or might not be injurious to navigation. We reported thereon to the Queen's Bench Division of the High Court of Justice in Ireland. For further proceedings in this case see Appendix No. 22, p. 115.

#### No. 5, or Core Distract (Banney Division).

At Bandon, on the 6th day of June, to inquire into an application for a by-law to prohibit wading the waters, having a pole or gaff, or to throw stones or other missiles or substances therein for the purpose of driving or searing fish close into the banks of any river in the Bandon division of the Cork District, or in any other manner to drive or senre fish in the upper or fresh waters of any river in the division.

#### No 61. Seinferrann District.

At Skibbereen, on the 1st day of June, to inquire into the state of the salmon fisheries in the district, and the best means to be adopted for preserving the upper waters of the Hen River.

At Skibbereen, on the 2nd day of June, to inquire into the necessity for defining the mouth of the Bownsknockane River.

#### No. 7, or KHLARNEY DISTRICT. At Killorolin, on the 27th day of July, and ulso 28th day of July; and at Killarney.

on the 31st day of July and 1st day of August. To inquire into the necessity of passing by-laws with the object of giving effect to the following resolutions: passed by the Cassarvators of Puberies of the Killerary District, viz.—

"(a.) That no draft not be allowed of greater length than at least two-thirds of the width of thet portion of the river Laune where it is used for the capture of calmen and treet, in the fresh water and tidal portion of the said Biver Laure. "(b.) That no draft note shall be used in the tidal and fresh water parts of the said River Laune at a

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less distance from each other than 200 years.

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"(c) That no note shall be shot simultaneously from points on both sides of the tidal and fresh water-person the said River Lanns, which are opposite to each other, so as to be in the water at the same time, but the resident from some bank stall be because before that from the opposite both is show. of the net and from one same season be limited to the period between the lot February and 15th

ally.

"(a) That the neiting on the laken begin on the 17th of January, and cases on the lat July.

"(b) That the sea similar be fixed from the lat February to the lat August.

"(c) That the de disting on the lakes and driven in the Killiarsey district begin on the 17th January

"(c) That all ped disting on the lakes and driven in the Killiarsey district begin on the 17th January

and end on Slat October, and that no guff io used before the lot Arril. " 2. To alter the close season for netting in the tibal waters of the River Laune, and its cetuary.

"3. To alter the closs season for notting in Bullinskylline Boy.

#### At Killsruey, on the 14th day of October; Killsrylin, on the 18th day of October; and Cabireiven on the 23rd day of October, to inquire into an application for a change of the close time for the capture of salmon or trout within the Killarney district.

#### No. 8. LINERICK DISTRICT.

At Kilrush, on the 9th day of November, to inquire into an application

"To alter the 2nd 2rd, 4th, and 5th classes of the by-laws, rules, and regulations, dated the 10th November, 1603, relative to the use of drift note in the River Shannon, &c., which provide-" 2nd That no drift note of ground length them 200 years shall be used for she capture of salmon or treat in any other tidal waters of the River Hammon (than that part situated between Limerick and a line drawn across the river below Askeston, from Augheich Point, in the County of Linerick, to Kildy-

sart, in the County of Clare), or in Clothlerkaw Bay. "Ind. That no two or more drift note shall be attached together in any way, or he allowed to drift. within 100 yards of eas's other, in the River Shannon, or in Ciondeclaw Bay. "4th That up drift note below or seaward of a line drawn scross the River Shonnon, from Auchaiah Point, in the County of Limerick, to Kildynart, in the County of Clare, shall be used within the line of

law water mark of ordinary spring toles "Bth. That no drift note shall be used in Clouderlaw Boy above a line drawn from Knock to Lockesbakes, in the County of Cines, At Killalos, on the 2nd day of November, to inquire into the practice of fishing at

the navigation sluices at Killaloe, with the view of prohibiting same, or for making such by-laws, rules, and regulations as may seem expedient. At Croom, on the 6th day of November, to inquire into the necessity of passing a by-law to prohibit the use of night lines on the river Mague and its Tributaries.

#### No. 11. Balleya District.

At Ballina, on the 4th day of May, to inquire into an application

means of drift nets, in Killule Buy, in the Counties of Mayo and Bligo."

were carried out without a hitch

" L. To make a low-less regulating the manager of posting in the freelessater meetion of the River. Mov. and probabiliting such prostices as in their judgment are detrimental or injurious to the Cabories of said river. "3. To inquire into the operation of the hydror, rules, and regulation, dated 3rd March, 1879, which regulate the mole of fishing to be observed by all persons engaged in fishing for or taking salmon or treat by

#### No. 12. Stano District

At Sligo, on the 9th day of May, to inquire into an application for a change of season for salmon and trout in the Ballisodare river.

#### ARTIFICIAL PROPAGATION.

We have received the following reports of the operations carried on at the several Hatcheries at work during the season of 1893 -

#### DUBLIN DISTRICT-River Liffey.

Report from Major Clande Cane, J.P., St. Wolstans, dated 31st March, 1894:-The salmon fry turned into the Liffey by me this year consisted of 500 yearlings and 500 two-year olds, and were obtained from Mr. J. J. Armistead of the Solway Fishery, Dumfries. The two-year olds were all marked by cutting off a portion of the adipose fin. Unfortunately owing to a delay which occurred in transit at Holyhead a large number of two-year olds were leat. The last time Mr. Armistead brought over fry the loss did not amount to one per cent, but in that case the Railway arrangements

### INSPECTORS OF TRISH FISHERIES. No. 4.-LEGIORE DISTRICT.

River Blackwater. Hatchery established at Lismore by the Messrs. Foley, lessees of His Grace the Duke of Devoushire, K.G.

## AN ACCOUNT of SALMON taken by R. & E. FOLET, Lismore, for Artificial

Propagation during 1893. **UBSERVATIONS** 

"This has been an early and a good spawning season. We have taken particular eare in selecting fairly large and healthy spawning fish-a most important point, we eonsider.

"The first run of Spring fish was noticed about November 17th, and appeared to be in beautiful condition. "A trial haul with not was made January 1st, 1894, when 7 Spring fish were landed, and returned to the river, at the high average of 21 lbs. each. As the water was high all through the winter menths, we trust that the upper reaches of the Blackwater are

well stocked with fish of the first quality.

"We hope the enclosed hat explains all that the Impectors require.

240.	Manher of Fish taken.	Their weight, as more on possible.	Whether Halt or Famels	Whether otpo, or nearly m, morne, or fresh run.	Whether taken in Match or by Nate.	Wather put abons Weir or heis Harakary.	Ove half down.	Errarka.
06.6.	66	Average 18 Tee.	13 Female,	North rise.	Buo	Zara betakery,	_	Heigh set to week Outshee sits.
da.		6s. 10 lbs.	# Male, .	Hundy rips,	60.	da	***	
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do. T, .		-	1 304h .	-	de.	Teso batchery,		
da		-	100	e bright	44.	Above wets.	-	Bemoved hatch synthesis Orticles 11h.
40.35		do. 33 The	1 Mile, .	Brazir rips.	da	Into hatchery,	-	Est hetch to work October 1445.
da .		6s. 33 De.	4 Femals, .	Burty rips.	da.	60. 1	-	
do. 35	97	6a. 19 lbs.	If Female,	Heasily rips.	fe	65. 4	-	
da.		60. 19 Esc.	18 Mich	Numby rips,	da,	60	-	
da, 5% -	99	6o. 38 De.	4 Male,	Hearty stpe.	84	60	-	
dn	-	de. 15 fbs.	T Female, .	Story ripe.	de	da v	-	
te			-	d bright, i	de.	Abers welr, .	-	
do 10, i	34		2 Female, .	Neuty rips,	60.	Ente hatchery,	-	
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60. 33, .	39	4a. 11 Da.	2 Druit.	Seerly ripo.	60.		-	
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to .		-	T Female.	Mustle Hos.	60.	Intehaphery,		
46.	1.0	_	a Mrds.	Mearly stor.	6.	do.	-	
4. 4 .		-	# Male.	Nearly ripe.	60	de.		1
dn.		-	12 Famale.	Mearly ripe.	60	60.	-	
ds.		-	-	mbright, .	64.	Abore welt, .	-	1
66. 2	31	-	44	e beight	64	86.	-	1
64.	- 10		4 Teemle, .	Searty ripe,	60	Into hatchery,	-	
An		pan.	6 Male, .	Meanly rige,	60	60	-	Benered baceh grates Ferenther to
bu. 16, .	93	da. othe.	1 Mole.	Manriy sipo,	60.	da i	-	fot hatch to work December 1919.
44	-	do. 11 fbs.	6 Female, .	Mousty sipe,	ds.	46	-	
de .	-	da. d Da.	i Pencis, .	Cation .	44.	Above well, .	=	1
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dn. 17, .	96	dn. 50 lbs.		35 31604 .	da :			1
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			131,811										

SUMMARY.

Deta.	Fright Pick put above Wate.	Unripe, etc., pot lock to Hires.	pet inte least tery.	tent down.	Promiser Flat taken in Hetals	
Cotaber 6th to Eveneshee 17th,	"	"	144	-	914	
Ferender 11th, 1965, to January 14th, 1894,	-	-	-	\$13,617	-	٠
Trock	**	19	104	\$35,814	404	

From November 16th to January 21st 92 fah were returned to main river from hatchery. At the end of January the flood rose over mill race, and the remaining fish escaped.

### No. 64-Kenmare District.

River Bleckwater, County of Kery. Hatchery established on the Mahony Estate by R. M'Clare, Esq., J.P., agent for the property.

"Exact Balancetts."

#### "ARTIFICIAL PROPAGATION OF SALEGE.

For many years start, a simple, horseneders set recorded region at settled promposition has been startly because in the same of the desire of the Zamino American in the same of the desire of the Zamino American in the same first of the desire of the Zamino American in the same first which a regional supply of what is table. The beam was that a major at all the desire of the des

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followed successfully, the river is always well stocked with salmon, and the not fishing productive to the followed successfully, the firster is saways were monered with manners are more menuing prosecution of owner and count dishermone. If a simple system of artificial propagation were generally adopted, the solinon inherites of Ireland would be largely inswessed in value. The Government would do well to affect the Hospottors of Irula Yishment the means of enouraging and deraying artificial propagation of salmon. "Rose, M'Cerra,

" February 5, 1894. " Glenharel, Kenmare.

"The quantity of era annually put into hones is 100,000, of which some 90,000 are usually successful."

#### No. 7.-KILLARNEY DISPRICE.

Hatchery established by Henry A. Herbert, of Muckross, Esq., on a stream flowing into Muckross Lake (one of the chain of lakes commonly known as the Killsraey Lakes).

6th March, 1894. "Size,—In reply to your latter of the 27th ulta, or the artificial propagation of salmon at Musicross

"These operations are being carried on here on a stream flowing into Muckross Lake (one of the lakes of "This scream has been selected as being suitable for the purpose, and an engloure of about minety feet long by thirty feet wide, has been forced in for the hatchery grounds.

"Nourly six thousand solmon ove have been distributed in five hatching boson, each bux is six feet by one and a-half feet by nine inches.

and a blift field by anno nuclea.

"Seven finals shoute and four males were operated on, to obtain the above mentioned own.

"The shift subron own were put into the boxe carry in January that (1999. I improved the hatchery today, and formed veryiding gaving on well there. I expect the own will be hinted by the and of this month,

"I loye to carry on the artificial propagation of subron is this hatchery on a much more extentive such much
senson, and by this and other means I intude to improve the almost schedule of the Killencey these in which I am considerably interested.

" Faithfully yours. " HENRY A. HERRERT, of Muckross.

"Muckross Abbay, Killismey,

No. 12 -Stree Discreter River Ballisodare, County of Sligo. Hatchery established by Colonel Edward Cooper. Her Majesty's Lieutenant of the County Sligo.

" I am afraid that I have not much now to report for the information of the Inspectors with regard to the artificial propagation of salmon. I have not imported any Mine ore that mason, as thus I had last spring showed agan of the fungoid disease, which was submitted to and reported on by Dr. M'Wessey, but I secreeded sources again or one ranged district, which was environment to that represent only are. All theory, that is obtaining a few own from the Blockwarter, which have handled one much each time the Silge river own, and promise well. I also hope by next your to obtain access French over from the Leity, as a lawn obtained the odders of a first method provided the second of the second o I may import some Rhins over from them, in they live to much higher up the river that. Fricking in Radio, and that the over there may be from from its major that it was much higher up the river that. Fricking in Radio that the over there may be from from disease. We have had such heavy mans and floods for the last even morths the two was come may so tree rees consens. We seek as a sum water in the troughs tolerably pure, notwithstanding every case in Ethering it. I boye, however, by next sensor to have a spring into my hatchery, and if I served, it is not to the consensual contract of the consensual contract of the contrac

" I remain, yours very faithfully, "EDWARD H. COOPER.

" I have about the same number of eva as last year, and from the same rivers, with the addition of a few eva from the Blackwater, but none from the Rhino."

#### No. 13.—Ballyshannon District.

River Erne, County Fermanagh. Hatchery established by R. L. Moore, Esq., D.L., one of the proprietors of the Erns Fisheries. "On this river there were captured for breeding purposes 115 male solmon and 55 females. Of these 50 males and all the females were spiwned, the balance of the males being turned into the river again. The first lot was spectred on the 12th Docember, and the hard on the 28th January, Male Sin run from 8 lbs. to 30 lbs., and fittales 7 lbs. to 15 lbs.; the quantity of ove put into hatching-house being 450,000." 48

No. 151.—LONDONDERRY DISTRICT.

Hatchery established at Newtownstewart by R. L. Moore, Esq., D.L., and lessess of Foyle and Bann Fisheries.

#### " ABSTRUCTAL SALMON HARCHING ON THE FOTIS.

"This mass then have been them for 'moding response 200 famile find, reverging a little own (1 ha, red, only 1 his modified or mile that would be slightly model. From these were got 200,000 was.

The 'mpicingle speaking and hyboridative find that and 200 January, 1201.
"The 'mpicingle speaking and hyboridative is lost furtirized to Extensive." The presided from this consequency, accordinately another find the state of the state of the state is down to whom he hatten.

Figis in from thy issuity day, considerable number of the first hold down to where the hatten.

The "man hatten" is the state of t

"There was no difficulty in coloning gratient amount for our rely to the second, and not minima to including the history, but the coloning and the coloning the history is the coloning that the coloning the history is the coloning that the colonin

"summe now we know from the same of consideration of consideration of the same of the same

#### No. 151.—Coreaine District.

River Bann, County Londonderry, &c. Hatchery established at Movanagher by R. L. Moore, Esq., and lessons of the Foyle and Eann Fisheries.

#### "ARTIFICIAL BALGOT HATCHING OF THE BANK

"Haring received permission from the Inspectors of Irish Fisheries to keep the Cutts at Colomina fishing during the sizes assess for the purpose of statising a few fish to stock a small experimental instinctory part up on the lines is Nouvempler, note Kilms, about the suffice above the third flow, the Cutts were closed to the 19th August, and frees then till the 19th September, 155 states were captured. Of these twenty-five were part into one Cutt, and the receivables fearmed into the river.

were got allowed both, and the orientative thinks that the orient. Got allower given the water in the vires, in the case of th

present energy the eggs has come to life, it is not possible to my will the experiment as this place town out secondal."

#### SALMON FISHERIES.

Substance of Reports received from the various Boards of Conservators of Salmon Freezess in Irreans for the Year 1893.

#### No. 1.-Debut District.

State of the shirries fair, bette imprevement has taken place in consequence of the dynamic of 180. The take was leen productive a regross instance, but there was increase in anyture of sea or whils trovio on the coast between Wichlow and Dalley. Analogie for submous absolutily all. There appears to have been an increase in the swrenge size of spring ratios and grifes. No signs of disease were observed. The most of the state of th

wast of water. The take of alumon and grills by note has been less, as he also been the capture of near or white trent. Angling was not as good as during the preceding year. The average size of springs almon and grillse reasons the sameand no cases of pointing has been reported. Officers against the Filteries Laws, as for any processor of the processor of the

During the spawning season, 1893-4, less breeding fish were observed on the spawning bods. This applies to the Slaney and its tributaries.

#### No. 3, or Wavenford Distract.

The report from the Clerk of this District for the year 1893, mentions that were the state of the fisheries to be judged by the relative capture of salmon in 1893 to that of previous years, it would be described as declining, but such a criterion would be fallacious as the exceptional climatic influences of 1893, and the consequent low state of the rivers, militated against the run of salmon. Judging, however, by the wast run of fry in the spring of 1893, it is concluded that the fisheries are improving. The take of salmon and crilse by nets was much less than in the proceding year (1892), owing to the small run of salmon from the sea, caused by want of water, and absence of freshes. There is no net fishing for sea or white trout carried on io this district. The angling was bad owing to the abnormally low state of rivers, and the great heat, and drought prevailing during the greater part of the open season. The average weight of suring salmou was about 12 lbs., and of grilse about 5 lbs. No signs of disease were observed. A few spent fish in the upper waters exhibited some marks, but in absence of expert opinion the Board should be slow to attribute them to disease. No cases of poisconing rivers have come to the knowledge of the Board. Offences against the Fisheries Laws are stated to have diminished, owing to the vigilance of the water bailiffs, and also the invaluable aid of the police. During the spawning sessoe 1893-4, the quantity of breeding fish was about so average one. An increase was observed on river Suir tributaries, sod on rivers Anner and Nore. The Clodiagh (tributary of the Suir) had a less rue of fish. The breeding fish did not order the tributaries as early as usual owing to want of water. There was a considerable run of hreeding fish in January A number of fish spawned in the Maine river.

#### No. 4.-Leikore District.

This district seems to form a stricing contract to some of the other districts, as it is reported that the not liching for 180° van a newnge con-duct engine or alasmont and the strict of the strict

#### No. 5.—Cork District.

In this district also the report is of a more cheerful character. It would appear that the general condition of the salmon fisheries is good, and improving. At the susse time, it is observed that the capture, of salmon and grills by note was less productive during 1838 than in the previous year; but the take of ess or white treat by use was about the same. Angling was fairly good, considering the drysess of the season. Average size of spring almon, and grillse remains the same. Three castor of pointing the triberaries of the River Lee occurred-but, on the whole, offences against the Fisheries Laws are stated to have diminished. The quantity of breeding fish observed was much more during the spawning sesson, 1893-4, than in previous sesson; this applies to the River Lee and its tributaries.

#### No. 5.-Core (Bandon Sun-Dayrater)-continued.

Here again the salmon fisheries are reported as being in a good state. It is stated that 1893 was a very good season, and that more salmon and grilse were captured by nets than in the preceding year, and that also the take of sea or white trout by these engines has been more productive. On the other hand, the augling season was the worst for many years, owing to the want of water to bring the fish up. Average weight of spring salmon and gribe remains about the same-salmon 12 lbs., and gribe 6 lbs. No signs of disease were observed. Two cases of poisoning occurred on the Bandon The liver with the plant called "The Irisb Spurge"—Euphorbia Hiberoica—but illegal fishing has diminished. Complaint is made that the fish pass at the Desart Mills weir, on the Bandon River, is not properly constructed so as to facilitate the ascent of fish.

#### No. 61.—Semberson District.

In this district the state of affairs seems very unsatisfactory. General state of the salmon fisheries is declining. The take of solution and grilse by note was less in 1893
than in the proceding year. The take of solution and grilse by note was also less productive. Angling could not be worse, owing to destruction of salmon in the small rivers, and the insufficiency of funds to afford proper protection. Average weight of spring salmon and grilse remains the same-salmon 12 lbs., grilse 6 lbs. One case of poisoning by " Irish Spurge" is reported.

Offences have not increased against the Fisherius Laws.

A small intresse was observed in the number of fish on spawning bads in the season of 1893-94. This refers to the Ben river.

#### No. 69.—Bantey District.

The report of this district states the salmon fisheries are declining. The take of salmon and grilse by nets was so small as hardly to pay for the beenes duty. No white or sea trout were taken by nots. Angling was also very had. Offences against the Fisheries Laws, especially fishing with unboussed engines, appear to be on the increase. One case of poisoning occurred. Average weight of spring salmon 10 to 12 lbs., gridse from 4 to 6 lbs. No signs of diseases were observed in the district. The spawning season of 1893-4 was not so good as that of 1892-3.

#### No. 64.—KENMARE DISTRICT.

In this district, again, the condition of the salmon fisheries for the year 1893 varied from many of the other districts as far as not fishing is concerned. The general state of from many the nature fisheries is said to be fair, and better than in the meason of 1892. The take of salmon and grilse by note throughout the district was more productive. No note are used for the capture of sea or white trout. On the other hand, as in most districts, and owing to the same cause (dry weather), the angling was very bad. The average weight of salmon 7 lbs., and gribs 5 lbs.

This district is unfortunately the great centre of the poisoning operations by "Irith Spurge," which grows in large quantities in the vicinity of the rivers. The Roughty river was poisoned no less than ten times with this deadly plant. Offences against the Fisheries Laws have increased, although it is fair to state that nineteen water halliffs. are employed by private individuals in addition to ten by the Board of Conservators. The spawning season for 1893-4 was an average one.

#### No. 7, or KILLARNEY DISTRICT.

### In the report for this district, it is stated that 1893 would have been a very good season but for the dryness of the season, one half of the rivers having been without a sufficient supply of water, but that as a rule the salmon fisheries are improving. The capture of spring salmon and griles by means of nets was less productive than in the previous year, as was also the capture of sea or white treat. Angling was not good, must of the rivers being nearly dried up in consequence of drought. No reports of poisoning have been reported. Offences against the Fisheries Laws lave slightly

increased, and have all born committed by uniformed sun. No sign of disease has been cheered accessed the school. The saverage weight of prings almona against remains about the same, via, spring salmon about 10 hb, and grine about 5 hb. Complant in short the same, via, spring salmon about 10 hb, and grine about 5 hb. Complant in reference in saids to the great against sever which the river fibriliary in the production of the great principles which the river Fluid, haven as the "Fluid Mills Wait" new Killenwy; a water build has to be apit these speciality for the protection of the fluid will be right to some of the weigh, so as to the water of the principles of the weight of the protection cannot be special to the whole the production of the weight of the protection class of the weight as the proprietor of the mill related to take when

The reports as reported the quantity of breeding fish observed in the rives of the district, during the sparsing assound in \$180-4, are we frequently, large numbers district, during the sparsing assound in \$180-4, are we frequently, and the properties of the rivers have been considered as the rivers have been considered as the rivers have been considered as the rivers of the ri

#### No. 8.-LIMBRICK DISTRICT.

The roport on the condition of the finderies of this district shows that while the sentence of 1100 was an average one as regarded ashmus, the equitive of such and piles were much laive files of record years. It must, become he observed that he take of generally has been filled the explosite the direct of the control that he take of generally has been followed by the direct of the control that he had been been applied for the control that he is been desired that the same which has been been found to the control that he had been desired that the control that he had been very sent of the middle of April years and the control that the control that he had been desired to the control that the same is a proper of the control that the

#### No. 91, OR GALWAY DISTRICT.

In this district the report is a gloomy one. The salmon fisheries are stated to have declined. The take of salmon and grid lieb put are well see than in previous years, as was also that of see or white trent. The angling was had all over the district. The arrange size of genting salmon was less than in other years, while the average wise of gride remained about the same. Offences against the Fisheries there have have increased as we observed. Questities of breasting find has in season 1893-4.

#### No. 95.-Consemara District.

The state of the february in this district forms rather a contrast with that of the adjoining district (Galvary)—the report excessing which we have already given. In this district the submon fisheries are stude to be improving. It is, however, note-worthy that their is no recting our first the submon fisheries are stude to be improving. It is, however, note-worthy that their is no recting our first the student of the contrast the contrast the student of the contrast the student of the st

#### No. 101, OB BALLENARILL DISTRICT.

Here again the condition of the salmon fisheries seems to have been worse than in the part (1892). It is stated they are declining. The take of salmon and griles by nets was much less productive than in 1872, as was also that of sea or while trout by the same mode of capture; while angling was not so good as usual. The average weight of spring salmon and griles was about 18 lbs. for the former, and of the for the latter.

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No signs of disease were observed, and no cases of poisoning have taken place. Offences against the Fisheries Laws remain much the same. During the spawning season of 1893-4 the number of breeding fish observed in all the rivers was much less than usual. It was the worst season for many years.

#### No. 10°, or Bangon District.

In this district the condition of the salmon fisheries is stated to be about the name as in previous years. But the take of salmon and gribe by note was very much less productive than in 1892, as was also the take of sea or white trout hy the same means. Angling was bad, as very few fish ascended the rivers in summer and early autumn, owing to long continued drought. Offences against the Fisheries Laws appear to have diminished, and are only committed by persons without licences. No cases of poisoning rivers have occurred during the year, nor has any sign of disease been observed.

The average weight of salmon was 11 lhs., and of grilso 6 lbs. Number of breading fish observed during snawning season of 1893-4 was less than usual.

#### No. 11 on Barriera Deservery.

The report from this district gives the state of the salmon fisheries as fair, and their condition remains steady. The capture of salmon and grilso by note was less productive, owing to the dry season. The take of sea or white trout hy the same means of capture was shout the same as in the preceding season.

The angling was also worse owing to the drought. The average weight of spring salmon and grilse was, for the former, 10; lbs., and 6 lbs. for the latter. No cases of poisoning rivers have been reported. Officeres against the Fisheries Laws are stated to have increased, and all offences committed were the acts of people who had not taken out licences. No signs of disease have been observed.

#### No. 12, on Sugo Destrict.

From the report of this district, it appears that the salmon fisheries in 1893 were declining. The take of enimon and grilse and sea or white trout by note was about one-half of the quantity taken in the provious year. The angling was very bad.

The average weight of salmon was 10 lbs. to 11 lbs., and of griles from 5 lbs. to 6 lbs. No signs of disease have been observed amonest the salmon, and no cases of neisoning have been reported. Offences against the Fisheries Laws remain in number about the same as in previous years. The quantity of breeding fish observed during the spawning season of 1893-4 showed a decrease in all rivers except the Ballisodare. The latter had an average season.

#### No. 13, or Ballyshannon Destrict.

The salmon fisheries of this district were not in so good a state as in 1892. The take of salmon and griles by means of note was a great deal less. There is no fishing for sea or white trout in this district. Angling was had. A few cases of poisoning rivers by means of flax water are reported. No signs of disease have been observed. The average weight of salmon and cribs was about 10 lbs for the former, and about-

5 lbs. for the latter. All the rivers in the district showed a decrease in the number of breeding fish. daring the spawning season of 1893-4.

#### No. 14, or Lawrence Phoneson.

The report states the condition of the salmon fisheries to be fair. No great change since the preceding season. The take of salmon and grilse by means of note was less productive than in 1892, while the take of est or white trout hy the same method of capture is reported to he greater. It is stated that the angling is improving. There have been no cases of premeditated poisoning of rivers, but a tew cases of pollution hy flax water are

reported, which were the result of carelessness. Offences against the Fisheries Laws are stated to have diminished. No signs of disease were observed, but in the Lackagh river it is stated that several fish died.

through want of water in the various pools,

The average weight of salmon was about 12 lbs, and of grilse about 7 lbs. Complaints are made of the obstruction caused to the ascent of salmon by two dams on the Lennan river, so no fab can pass unless there is a flood in the river. The spawning season of 1892-4 was better than usual in all rivers, except the Lennan and Owenfocker.

#### No. 154, OR LONDONDERRY DISTRICT.

Here the report states the salmon fisheries are not prosperous, but it also states that the take of salmon and grilse by means of nets has been alightly more productive than in the previous year, as has also been the take of sea or white trout by the same mode of capture. Angling would appear to have remained about the same as in the year 1892. The average weight of spring salmon and grilse was about 10 lbs. for the former and 6 lbs. for the latter. No signs of disease bave been reported, but it is stated great destruction has been caused by flax water being allowed to flow into the rivers, and that owing to the ridiculously small penalties imposed by the magistrates for this offence, it is useless prosocuting. Here also complaint is made of the existence of artificial dams in rivers, which very much impede, and in some cases prevent, the ascent of salmon to the spawning grounds. All these would require fish passes. The Board of this district further success that the Fisheries Department should have some fund from which they could detray the cost of scientific investigation from time to time in the event of disease appearing in any river, and also out of which they could lend money to Boards of Conservators for the nurpose of the eraction of fish names or removal of obstructions-loans to be made somewhat on the same principle as the loans administered by "The Commissioners of Public Works in Ireland." In all rivers in this district the quantity of breeding fish observed during the spawning season of 1893-4 was slightly greater than usual.

#### No. 15°, or Coleraine District.

According to the report from this district the fatheries were decining lat season, but the explainer of shance and grills be not were some oper-positive than in 160%, as which to take of an ow which to work by the same models I remained about the same. The angiller manner of the same of the same is the same of the same of the same is the same of the sa

It is stated that there are only a few fish passes constructed over the weirs on rivers in this district, and they are so defective that they are practically unsolves. The Board are of opinion that the close season for angling for admon should be that same all over the district, and that no alteration should be made in the minimum size

of pollen permitted to be taken in Lough Neagh.

In the Clady, Agive, Keely, and Moyola Rivers the quantity of breeding fish observed during the spawning season of 1893-4 was much greater than during the former season. The River Malte and its tributaries shown a docrease. The breeding fish were particularly healthy and strong.

### No. 16, on Ballycastle Destrict.

The saluson finderies for the past year are stated to be on the decline. The septare of aslone and grine by means of new was lost that is 1954, so was also that of use or white treet. The anging was also that of use or white treet. The anging was also that of the same are stated as the same are the sales of the same are the sales of the same are the sales of the same are that as in former year. The average weight of spring aslone was observed during the hottest period or the samuer, but not to the same artists as in former year. The average weight of spring aslone was the same are th

rivers than during the preceding season.

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No. 17<sup>1</sup>, or Degonina District.

In this district the salmon fisheries were not so good as in 1892.

The take of salmon and griles by means of nets was much less than in the previous

Appling was not so good as in former years. No reports of cases of poisoning vivers have been received. (Complaint is made that magistrates (except where they are owners of fisheries) exhibit no sympathy with the prosecutions instituted by the Roard of Conservators, and in fishery cases invariably inflict the minimum penalty. If two offences are committed at the same time, it is stated they take no evidence in she second, generally expressing on opinion that, as they were enerted to inflict a fine under the statute, the Board instituting the presentation should return the penalty

imposed. No signs of disease have been observed in the rivers of the district. The average weight of spring salmon was about 13 lbs., and of grilse about 4 lbs. The quantity of breeding fish observed in the Boyne during the spawning season, 1893-4, was much greater than in 1892-3, but the lowness of the water prevented

their ascent, this applies to the River Boyne, but there was a decrease observed in all the small rivers and tributaries above Navan on account of water being low all the winter.

### No. 17<sup>5</sup>, or Dunhalk District.

The report for this district gives the state of the salmon fisheries in 1893 as being fairly good. The take of salmon and grilse by means of nets was less than in the preceding year, while the take of sea or white trout was, by the same mode of capture, greater. The angling was bad, as the fish could not ascend the rivers owing to the low water. The average size of spring salmon was somewhat larger than usual, being

14 lbs , and that of grilse 6 lbs. No signs of disease have been observed. There were a few cases of poleoning by flax water reported. Offences against the Fisheries Laws are stated to have diminished. Owing to the dry sesson there was a general decrease observed of spawning

fish during the winter of 1893-4. Many scientific and other reports have been forwarded to us during the year, and we take this opportunity of thanking those who placed at our disposal the valuable

We desire to express in the strongest manner our appreciation of the very valuable assistance in the enforcement of the salmon fisheries laws, rendered by the Inspector-General, Officers, and men of the Royal Irish Constabulary; and of the help rendered to us by them in investigating numerous matters of detail arising out of our administention of the loan funds. The same observations apply to the Officers, Petty Officers, and men of Her Maissty's Coast Guard in regard to their cofficial co-operation and assistance, in so far as they were permitted by the orders of the Lords Commissioners of the Admiralty.

All of which we hog respectfully to submit to your Excellency.

ALAN HORNSBY. WM. SPOTSWOOD GREEN. CRCIL R. ROCHE.

M. P. Dowling, Scoretary,

information they contain.

19th May, 1894.

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#### APPENDIX SPRING MACKEREL

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Chatletown Dore,	, BOJ Miseria .	Hith Tone,	Canalitation, Witholita, and Pulseen,	Cratletown,
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Ballyeovana,	. In April,	eta May,	Bell partegun. Olf Cool Hand,	Bullysrovane,
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Waterelle,	. Det Ageth, .	8th John,	Rossis, Coccosticalane, Durry-	Boonia, Commodondano, Derry- rone, and Wart Cone.
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Fortmagns	His March,	34th June,	Off Dray Head, Pullin Island, and Statings Books.	Perimages and Enightetrees, .
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\* NOTE-Their spheres thrw the arriver and letter dates on which this were taken, but, to a great many cases, the main finding by large beats off had comparate with a law days after the towner, and coded series days carrier than the being dates. Printed image digitised by the University of Southampton Library Digitisation Unit

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#### FISHING, 1893.

FISHING, 189

Quantity of Fish Jacobs, bases of go Yish.	Total <b>min</b> s.	Average Prime per ben theoreting to total surpass and total vulue).	Marinto or Rivers to which Fish was forwarded.	Ma. of Steamore employed recrying Find to Engineed.	Ho. of See Hulter employed.	Cherystias.
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\$5,136	17,000	5a 1M.	Milferi and Floriwood,	30	. *	Kurking states of His per book, payable disting states.
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и,ш	18,729	10s. Srt.	Liverpool, Manchester, and			Marbour draw, Ma., If paid at begin- bing of senson, or It. \$4, each line of leading of the pion.
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\* Includes 65 bosses, the unimped which could not be assertanced, as a which is, therefore, not included in "Total Yales" reduces.

APPENDIX AUTUMN MACKEREL

PARTICULARS of the PIREING carried Fines when \$14 Let Clear Books 2nd Class Books 1 Bray and Killney, . 22nd Aug., Sh Sept. -Greentenn. . . West ang., 14th Sept., - -S Wildley, . . . . 18th Aug., 27th Sept., -Carmers Quay, , Ourseen, . . Kimow. . . . Int ang., 1201 Oct. . Kilmam Guzz. Bur of Lough. . . Birth Bept., 18th Oct., . , Bar of Lough. Bussow, . . . 20th-Supt., Skih Cot., -Bangow, . . . Fethard, . . a Verbood SWA Nets 1998 Cat. . 9 Dunmort, East, Blab May, 28th Sept., -Dearway, . . Bellyment, . . Bet Aug. Bith tops, -Softymoury and River Min June | Min Boats | 1 Engly Mitsubeth's Dove or Remakes and Straftally Bornacken, . . 100x June, 9th Sept. -Michigan Book . 180 Acc. 100 feet. -Youghol, . . , Bod Zuly, 18th Sept. -Mallywoten, . Bib Ang. Will Oak. -Queendown, . Shit Ang. Tily Out. . Oculer Hanne, . 6h July. 65h Brod. -Gager Cove, . bet Sept. Mili Ort. -15 Minusia, . . Old Head. Mh Axe. Militeria . Occupant money. 10th age. That Oat. . 2 Kinesie, Union Hall, and Courtmandury, Mill Over and Union Std: Fans, Sale Oct. . - Ugon Ball and Clandary Mil. Cove and Balline-. Carthownood 16h dag, \$50 Oct. 1 Stirt Ang. 1805 Oct. -& Baltimore, . Baltimore, . . . IS Subcil and Cupe Close Step J. Cope Chee Start MO ANE. SEER OUT. . 10 Overbhaves . 16 Aug. 2008 Nav. - -Danmanna Pipe. 900 Ate. 900 Nee. . 80 Sallyseneme. . Set Ann. 19th Day. -26 Ballyymrune, . . Milder. Wet Oct. o. . Laskwen Point, , Set Sect. Sel May. Waterville. . . Mt Ang. 18th Nov. -Sellowoodigs. . 16 Aug. 170 Mar. . \*\* Stri Aug. Bly Doc. Esightstown, . 17th Ang., Sh Dec. 62 Caberdrees, . 17th July, 6th Dec. Halle, . . . Mad Ame Uth Out. . Xinsel, . . . let July, Stat Oct., Dingle, .

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FISHING, 1893.

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\* Includes the cought between termination of flying reason and the optimisement of the regular Astronomers.

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### AUTUMN MACKEREL

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	or place where industration endorsel.	namort.	mater.	Repla	Sorte.	Mess.	DA Ches	2nd Class	dri Cam	Let Clare Freds.	Sed Class North.
٦			1996		П	П					
28	Tentry	1885 Sai Seyli,	Elit Oct.		-		-		90	-	-
92	Saucreick	40 Mg.	en Dec.			11	,		137	Smerwick,	-
	Stranton Croek,	en aug.	esh Dee.	u	١.	١.	١.	١.	92		-
6	Zesnim	Sen July.	15th Dog.	-	-	-		4	80	( - )	Despies
a	Feel,	~	-		١.		-	1		- 1	-
	Eliculate	Mb Asc.	19th Sept.	١.	١.	١.	1.	V.,	20	_	-
44	Eller,	100 Aug.	390 Nov.	10	Ю	ш			80	-	-
45	Family,	en hin.	Still Date.	١.	١.	١.			-	Partity,	-
66	Soutable	360-710y.	6th Dec.	٠	ŀ		1		26	-	- 1
e	Doune.	19 July.	Min Nov.	ı.	l.		١.			-	-
46	Sollymaphen,	Strik July.	20th Supt.,		١.		1 -	-	90	-	-
,	APPER,	Se Sept.	Est On.		١.	١.	2			Expresso,	
50	Spiddle	Sh 7sty.	200 Sept.		١.	-	15	38	15	Onlyny,	Galway,
61.	Conteile Buy	16th July,	20th Tept.,	-			-	-	60		-
60	Clapper,	Int Aug.	30th Sept.,		١.	-	-	-	20	-	-
es	Clow Boy,	18th July.	2500 ATE.,	ŀ	1	-	1	,	50	-	Westport Quay, Oursew Zostran, Nawyork, Car- pawtners, and Lants
64	Add Rep	16 July,	1963 July,		-			٠	10	- 1	Vergh.
65	Keek	Sed Ang.	Dis ANG.		١.						-
60	Televillet,	het July,	10th Dec.	-			1 -	-	90	-	-
HT.	Bullygies,	Int Sept.	SNà Col.			١.			28	~	-
68	Selferg	tat July,	Min Hov.	-	-		-		71	-	-
50	Electronia and	29th June,	Dis Bept.,	-	-	Н	-		60	-	-
50	Induces,	let Ang.	Mila Sept.	٠	-	-	-		7	~	1
£;	Followers,	2rd Aug.	Militory),	-	-	١-	-			-	
es.	Stores Print,	900h Pally,	Mikliepi,	-	-	١.				-	-
40	Raphley,	that Ang.	3563-Sept.,		-	١.	-		13	-	-
64	Melleghnon	be aug.	1th Sept.		-	-	-		14	-	-
65	Mallychannon,	Milo Ang.,	MibSept,		١-	-			4	-	
65	Serve,	let Ang.	HAN Reg.	-			-	- 1	-	-	lavet,
er es	Salls viggert Sallwad- griss, and Tribuse. Testin.	Stoke Duby,	19th Arg.	٠	١.	1-1		1	12	-	Stella, 1
8	Dunksunghy,	Rh 7six.	Sta Sept.	ľ	10		1.	10	30	Durintendor,	Descharacter:
70	Pertuabhaghy,	Sta Print.	Del Arre.	II.	Ю	Ю	1.		٠,		Tortosthighy Tire.
	Downias Noy.	Bib July,	19th July,	I.	Ю	Ю	10	W.T	14		-
75	Cloghy	LPth Amp.	Mrs. Rept.		12		23		-	Macademon,	-
,	Antigless,	Sed Avz.	STSh Rept.	I.	١.	١.	11	14		Antrium.	Artrius
	Herroutle	Hit Am.	20rd Seet.	1	I.	10	1.0			_	Newcostin,
	Xenetoes,	IRt test.		L)	П	Ю	HC.	1 1	1	-	Elackrock, Bullykesi, an Lessings.
	Challagered,	2rd Ann.	Tib Oct.	ı.	10	ı.	1 4			Coettogiced,	
	GOM GOME.	Tib Ans.	Shart tool	ú	10	ı.	1.			-	Whitnesown, GEes Quay and Enganeric Clogber Hand,
	Clerker Heat.		Mile Sept.	и.	١.	1.	10			_	Charles Henry

63

#### FISHING, 1893—continued. on at or mear the following places—continued.

No. 4-continued.

22

on at or near the touswing pinces—c

-	and of by .	Numbers	f Pish pipen. E Souget.*	Total amount	Figh Capaci for Report	etre.		
ya.	gel Case Deads.	Ceta	Handroln (20.)	be realised to be realised, by the Pithermon, &	When Ornd.	Number of Second.	Okservalesa.	
	Zeosphi tormed,	55,668	81,443	20,880	-	48,161		
6	Steatus Selects, Dungale, Commonstativestry Quay, and Veniry.	-	133	360	-	-	About 2000 rold fresh, remainder waved for heaps consumption and local markets.	
N	Succesion, Bullydavil, M.	-	10,456	5,502	Inlyneph	1,000	Zamainder sold fresh.	
48	Drondon Creek,	14,063	-	2,000	Ztagie,		About 500 beaut sold for con-	
41	Sourden,	1,319	-	1,419	Texater,	890	Part of remainder sold freek and part sens to Diagle for young	
e	Petit,	-	181	30	-	-	This fish was brught at Drondon, is add at Yolch, and seet fresh to English markets	
48	Beet and Tullig	2,351	-	297	-	-	Treat or England and Con-	
44	Kilon,	-	629	167	-	-	-	
40	- 1	200	-	82	-	-		
48	Southful, Clewicky, Lookdon- tell, and Quilty.	6,006	-	649	- 1	-	Of the retree contract full bours were taken during the first half of deposition, but there had no sand these for their ment cored these for their	
er	Lieusper,		200	24	-	- 1	(M1 100	
41	Bullyranghan and Oleti-	-	136	95	-	-	field break.	
41	Edrosat,	-	306	91	Electan,	139	-	
00	Different phone slong coses,		502	172	-	-	About half the fish exced for local marriers.	
n	Chemida Buy te Galway, .	100		30	-	-	-	
æ	Inhibeda,	-	302	138	-	-	-	
	Mostport Quay, Ourrow- kacres, Nawsork, Darrow- more, and Londburgh.	eas	-	96	- 1	-	Relia treek.	
84	Otrrete, Achil Beg, Clough- pore, Decop, Decybbeg, Decrees, and Chara School.	-	304	385	-	- 1	About 2000 suped for home communities.	
sa	Econ.	-	- 13	15	-	-	-	
R	Cisclers and Trp	99	-	26	-	~	-	
n	Mulagrama,	225	-	110	Миженов,	60	-	
n	Bolding, Perterlin, and Perter	1,056	-	200	Fortstin and Perisoley,	261	-	

INSPECTORS OF IRISH FISHERIES.

Total. . SELTE TRAN 44,655 -- \$1,500
\*Zecifolies Sith sangkib between installation of Episting season and this communicate of this regular Astronan season.



Barrie From	Francisco.	-255-	Anna	ren.	no.		\$10.		1			344.		From white Electrical prescule business
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	Six Heroschen.													
Electricity	\$4 Streeting	and Promition,												Address and Decembers at
	Bh.Zerahn	Mile Procedure												
Balon,	Still Security	Min Promoter.												Man.
Mattel,	Minneson	and Describer												Vested.
Besting 1 1 1	M Strender	sid-December.												Strature and Western.
hilpson,	Wit Director	Mit Demaker												Religious
Passarts, St.														
Ballimowy & Strawers.	anger.	Owner.												
		Steening												
Socialist, -	Mile Angels	Mile Delates												Yeshii
Miller .	Mile Amproxi.	ant Personal												Milwins.
Opelor Bores,	56 September	MATE WAS A												Option Harrison,
Ermin,	Min. Reproches	BH Orbital											-	Eresia.

APPLICAS, No. 6
HERRING PERSON—AUTUMN, 1992. AND WINTER, 1992-6.

The state of the s

		_	-	_	_	-	-	_		,	-	-	-	-	Zh.	-	-	_	-	-	-	47	-	-	-	_	4	_	_
			Pleas where Restings generally hashed.			Ventry, Ettaffe, Dweepile, Healton Lidenick, stal Ballymorth.	Sparreck, Bullydarid North, Bron- den Creek, and Bullyngari.	Peatl, Killeners, and Sps.	Bally implied and Kilvesh.	Bully beggived, Olia, Anton, Tarborn, cod Killandy.	1	1	See Labour	Liceasur,	Bell Truggher, Grains, Kararas, Beh Karbour, Arras Cony, Bidy Johns, Mahong, and Tarras,	Street Arrest Debath.	Elicona and Gabrier.		Bullynakill and Letterback.	Lorsato, Basco, and Clessginia,	Wesport and Leasurey.	Overson, Desphies, Lettsburg, Cloytaster, Achtilog, Dosogo, and Bolesphene.	Keel and Donngh.	Johnster and Destroys.	Start Shriver and Bread Street.	Poetanloy, Beseport, and Javan.	Buildan, Klesmein, Inches, 76-	Beer said Xillida.	Zaolesven.
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APPENDIX No. 6-continued.	WIN			and Class.	Γ	8	li i	R	Ħ	*	1		13	R	=	**		z		=	2	R	7	2	R	20	э	**	n
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	HERRING FISHING-AUTUMN, 1893, AND WINTER, 1893-4-cominmed.		1			Wh Nevershee.	Mth Navember.	30.h December	The Outches.	Navember.	1		Mrs December.	ITS Orlander.	Mil Nevmber.	Outshen.	Mail October.	1803 Navezhen.	December.	MG December	Mch Doomaher.	IBO Yourshee,	SHA, Ovtober.	Merember,	Int Desember.	Zied of Ootsbee,	6th Neroschee.	18th Ortober.	Risk Outsides.
	#		Patent Patent			28th Angress.	30th Augmin	Let Reptember.	440 Avgress.	Angreis			Eth Osether.	BC) Suptember,	Likis furykember.	Suppossiber.	Int Angred.	Mil Suptember.	Ostober,	188b Angress.	10th August.	19th August.	18th Angress.	September.	Int Stephensberr,	Int Replember.	1901 September.	200 September	Sith Angreh
			,				ï					ï							Ī					ï					
			Marie Par						í				٠.		è	Island,	Tables,												
			1			Vester.	Insertio,	Feath .	Stead and Anthon,	Delete	Organ .	Thropian,	Beefall,	Chemanor,	Baltyresglass.	South Arrest Salest,	Hurth Arrest Saland,	Pythilla .	Chepso.	TABY	Semioney,	And line	Lost .	Johnston,	Julygian,	Julierig.	Klymania,	· wall	Tanaman.

James Flore.	Andreas .	enia frince	2000	l			366			im			540.		Drawbo Bottoppenily to A4.		
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		and liverality													Waltedware and Employer.		

Asymptot. No. 6-mediesed. RERRING PERHING-AUTUMN, 1803, AND WINTER, 1833-4-services

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From England and Southead

APPENDIX, No. 7. Harrison. Col. Sinc. Haldook, Shin. Cther Elado.

## EFFCEN of the Quantity of Salted and Cured Fish imported into Iroland during the Veer 1893.

Ponw.	Bar-			Dilli.			Γ.	1.		Ι.	Τ.	_	1	1	1	1			į.	$\Gamma$	Observation.
	rela	500.00	Ten	Cuts	Qrs.	Tons	Corn	qn.	Toes	Own.	Qrs.	COMA	10 etc	ûn.	COBL	Own	QH	ina.	CWS	Qn.	
Bellet, .	6,196		-	-		406	1		9.5	-	ŀ	-	-	-	ŀ	F	F		-	-	Most from Southerd ; some of the berrings from England.
Edenite,	6,111	-	-		-	112	14	-	36		1	١-	kī	-	١.	-	-	-	14		From Sontland.
York, .	14,202		•	-	-	1	Balto	d, eu	et.as	d de	od B	. 1/	003	ora.							It is known, that \$,000 berrels of herridge came from Nerway, and old from footback, and that of the faried fielt. It note came from Norway, at least free, the footback, the task Norway, at least free, and the footback, the task from the Parce Enands, and the task from the Parce Enands, and the task of the footback from the Parce Enands, and the task ones for the footback of the footback o

. war. . 1,000 Gwerte, . 5,510 16

. From Sandard and Nauboud Nigs. . 5,572 Trains, . . .

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CHA.	:			-	-			***	10
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Haddeck.	i.					- 1			1
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Other kinds,									11
Ceroi set D	Hed.	Plan.	est speed	ted, bed	<b>Period</b>	ly end,		1,000	

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## APPENDIX No. 8. ABSTRACT of BY-LAWS, ORDERS, Sc., in force at date of this Roport, relating to the

Noncel by See.	Place affected by By Law, and Dave thereof.	Nation of thy Law.
YBAWZING		STEAM TRAWLING.
Probibility Traving tended to so drawn from the Bulley Light-brown on Howth, to the Ensire- cent pout of the rotes solid the "Neggless," there by a sample line to the Southern post of Dukey Hond, there by a sample for arres- Diklay South, it was by a sample for a re- tained in Line 1982.	RESERVATE BASE (County of Davis, pol), (Rot April, 1094).	First. — Problekting Steam Upwelling derlag farmt of them perce from the list day at 1931, in that part of Whencharus Hay, b incede or to the theodowed of an integli- lies drawn from Boughey Hand to Dismit otherwise Doors Palls, back to the Police
Printfirding Traveling within a line decree from Density Print to Grandold Print in the County Jurys. (Demander of Byw-law re- posint, or post.)		Demond.  Someoni. — Probabiliting Sissen: Tracwing is, not of Shameharen Bry, inside or broadward of an integranty line drawn of Horn Hand to Rhendright, otherwise Horn Hand to Rhendright, otherwise Morrisge or Barriers and Horn Lings which Sarrings or Herbrich shall be been been been been been been been
Repeting as much of the Pylow, dated lith February, 1851, as probable Treeling at all times white erts the Westward of the load formed as follows armed to a strong of the	Crasts or Avenue.	white Boats are at sent these supaged in E. Ren Flating for Harrings or Macketel.  Problems States Transling of that past of
drawn, Issue the Neuro'l Howsh is the Stati- som Point of the Fararithe Instant Olicanies, in the Centry of Devian and Issue the Entr- ew Point of the Position to October Hanks, in the Country of Position to Coopies Hanks, and the Country of Leeting, and times and Cingles- Hand to Domany Frent is the Country of Leetin, and at the channel gentletting in one any Years' less within the Leetin taxonic dis-	Shanout- (bh Angust, 1800.)	one coming the interiory as Stathert. Profeiching Status Travelline of that your of Contain at the Contain of the Contain of America, bear speech because it is sourced by an included appeal because it is exceed by an included and the Post Contain in their board of America as were former or their contains and the second of their contains, and as a lenguage of these accounts that root that all lenguage of these accounts that root that all lenguage of these accounts that root that all lenguages.
Post, between the lat of Neversher in and		Mogilitgun Point to Grewantatia.
year, and the lat of Hay be the year following.	te Wenrose,	Court of the Oresty of Western course
off Countried Power, to St. Jaha's Point, both in the Country Down.	(ready, 1995)	within the space beneded by lengtany's draws from Crossin-roops Fetch near Kale to the worth point of the Island called N Ballon and from the nearborn section.
Professionar Treating on that part of said Eneigh of Belloin minorism of within a straight him datase from the Castle of Castrachingus, or the Creaty of the Trees of Castle thingus, to Rock- port, in the Create, of Devey, declare the Acass of the Climb on the Eneigh and they of Climb		Megalijan Poles to Greenantii. Psychidrian filmen Tewvine of that peru sit Gasts of the Green of Westerle (mayor William film space to film Green of the Green of
bry, January, and February.  Problems True long within a straight line from the Ban Back, to a place called Linear Print	WATERPORE HAN- FOUN. GPG Dec., 1809.1	Probbiting Street Troveling in that par Westerfelt Harboar Polyment to Harthwa in instantiant Harboar London Commencers
Superling such part of the By-Law of 15th Pelenary, HAY, on problem Transfergie than part of Descrip Bay from a place scaled, or		Probliding Bisson Toronton in their par- Worstford Hardwor bying in the Reptilera- tes integranty law deposits from Guellane Co. in the General of Wassland, Proceeding to their line County of Wassland, Proceeding in their line for come of theirs Toronton dis- stancing up to mine step one glading for an
the thinkness May of Irabad, "Ribad Rock," in the Treatment of Unconsensy, to the Merchane Paint of the Tawalend of Ramanulogh Lawer, and from thesis to Kideney Period, in the Tawalend of Kideney, and then these to a place miled, or the Ordaneer Rep of Inches,		or Stanuakey, or Vessel propolate by the
had of Tultubes.		Interd, is a Sectionity descent to Black !!
When improvement a linewings shall have not in in the Day, and which lines are suggested in Drelling for Harrings or Markerd, and when Books had somework Palang for Mantings as Mashwod, Travel Boom shall ham at a	Ganway Bay, (16th Dec., 1931).	that part of the state of the Cane of Ca. Kany), Inside on the headward of an inse ty time frame from throw plane). Yet the frame from the part of the car ty time frame from the part of the type of the care of the care of the type of the care of the care of the type of the care of the care of the type of the care of the care of the care of the care of the type of the care of the type of
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	(200) Jene, 1893.)	the County of Galawy.  Problifting design the massha of Zermey, it case, March, and Agrel, in each year, in free on them on the county piled by genera, the mached of their piled by genera, the mached of their piled by genera, the mached of their piled by the first of the Extremel of Insuface; it there has placed of Insuface of the County of the child higher forms or Clark Mand, and I Statement of the County of the child higher forms or Clark Mand, and I Statement of Press to Clark Stated, and it
Prelifeking Tearfing by Boats assembling ton tour merosyment, within a line dearen from Ganities Colonge, County Waterford, to Street.		an Envelop, in the Say County of N lutife or to the Ensteard of Imaginary i frame fram Ashilling in the County of Si
MD Proof, County Washed, Probleting Traving in all places whop those are Bases engaged is Herring or Machand Delt, Not Pistong, Sarly, Travi Boux shall keep at a director of at just those miles fores all hard foliag for Herrings or Machand	Luceus Bar, (County of Mayo). (Fo March, 1881).	to the Light Heats of Clear Mard, and I Elemaners Frust to Clear Schad, to Roo Hand is the County of Hope, Pachilding Risson Yuseking in Larkes i County Rays, builds or to the Boulevers as integrately line drawn, from Eleman Head to Groungh, all in and County.
with Dept Natz; Belly, Whenever Harring or Macherel Burtz shall commerce Dath Nat Policy in any place, on or of the Court of Wanford, the Taxon! Beats shall depart above from and hear at least three ribs distinct from the Dvib Nan Hawing or England Basis.	Evenage of Maye and Sign.) (th Mayes, 1891).	Plently-Probliting Steam Trawling during there of these ways from the life Att
Problithing at all done, were and energy during the member of likes and done, in man pour, in the late of the season of the same pour, in the late of		IIII), is that pair of Existin. Boy lique is one to the Southward of an image planed from the Charle Good Englane in Micro- tine Charle Good Englane in Micro- Station at Landausean is the County of S- butwoon the int day of Angue in my a cast the lat day of May, he has pare folio- system of Existin Ray, it may then years and the lat day of May, but pare folio- system of Existin Ray, it may then years and the latest the second of the latest pairs of Existin Ray, it may then years about of Harrings or Manhood their latest latest while Books are or main time sep- tence of the latest than the second of their latest while the latest are or main time sep- tence.
	A Company of the Comp	Particular prices and control of the

# Year of By Law.

Azerraor of Bv-Lave. Ozners, &c., in force at date of this Report, relating to the Sea and Oyster Francaise of Legano.



and Base throots.	1000 11 37 004	sed Describes of	SHIPL OF STAKE	Cé
Develorate Ear, (etc. July, Hell.)	"DAMMER METS"  "DAMMER MET AND THE MET OF TH	Bendeserin & B.v. Banker Berneten (East Central)—con.	than Mily, such, or of grander depth dis- monstration of the contract of the con- traction and the contract of the con- traction and the contract of the con- tract of the contract of the con- traction of the contract of the con- traction of the contract of the con- tract of the con-	
	with Transmil or Marrill Statabell be crashed at letter one Stating Luoy on loard, upon which shoth he yearstof to legible characters not less then one noch in loogist, in white upon a block growns, the Letter of the Destrict and the name of the Owner's which such Nathalongs.	Dermita Dermor, Stransread Locas, (lis Dec., 1971.)	Problems on of Pulce Nature septem of Plah mode a tree driven comes Long's Strongford, from Melling Prostor the worst in Relying with Print on the sent, bureause the last day of Josephy and that day of Naturalism and year.	
Dress Ray, 1800)	Problems the use of Transmi Note widels, as to the North-met of a line down from the Heath of the Studies in Rose to Decade Tuke.	Because Level, (20th expt., 1805.)	Probliding to use for the oppore of Fah in Belian Lough, Nets of the description com- manly colled and known as Pohr Ness.	
RETURN, (Blue Dec., 39-4.)	Perrolling writes the Estnary of the Kennara Error, to the Centry of Korry, and sus- nored of she drawe from the vosters point of Lenb's Hond to the westers point of Corie Hond the see of Transact and other Honori, Note for the captus of San Tal- form this hear of Trans 2 Check to the After- form the hear of Trans 2 Check to the After-	Stu Coast, Cuttery Diversit, (20th Jee., 1874.)	Probabiling use of Draw or Wale Note for capture of Fish between Dworff Mond and Dennutes House, and violal parts of trees flow- ing two the sea between this points and around the aboves of Institute and	
	Housed Note for the sanctus of Bin Tale, from the hore of Thrus Nichte, in the Admi- non of any one day to the horr of Nius «Node in the Meximig of the day seal follows. You develop the monty, in Outloon, Normaton, the Administration of Outloon, Normaton, the Administration of the Note of Nichte, No- tice of Nichte and Nichte and Nichte and Sanction of Nichte and Nichte and Nichte and Sanction of Nichte and Nichte and Nichte and Sanction of Nichte and Nichte and Nichte and Nichte Sanction of Nichte and Nichte and Nichte and Nichte and Nichte Sanction of Nichte and Nicht and	Rua Chastr (between Domall Rived and Domare to Bend), Country Domana, (Said September, 2005),	perior in the present of an inter-present present present in a page, or sensy feeter sy the result, used for the square of release, between Dated Rend and Dominion Rend, and and total parts of revers feeting has the arm between said points and not only the beauty of feeting and feeting without the chamber of the said points and a point of the said of t	
Our Heart and Place Heart, Eleman, (See April, 1867.)	Probibiting to sake or use off or bothe suchbrand of any part of the creat of the county Cork, between the Cold Head of Klendle and Flan Hood, any Treasmed Not within 500 yearles flany head width at items of society man. See shall be moving audions of society may be also falling.		ment.  Freikliftig having in pennence, so in any loss, farthe-perpose of intering any White Ban Fig., and Davier Walls Fig., or any other description of Doult Not, or any other persons of Doult Not, are singul Doult Not for the separate of influence, at this part of the second of influence and Dounters Hose, mad total pursor of three forward first mad to the second of their forward the same of Lardward and points and services and points and services and points and services and points and services of their forward of their forwa	
Serror Ser, (III) Augus, 1007.)	Parculaing one of Transmel Hais is Postery Bay, Chemic Cork, during mention of Geoder, Nameshoot, Democratic, Polytery, and Streenbook, Democratic, Polytery, and International Committee of the Committee of International Committee of the Committee of April, May, June, July, August, and Sep- mandas, International parties of Sep- tember of the Committee of the Committee of Sep- tember of the Committee of the Committee of the September of the Committee of the Committee of the September of the Committee of the Committee of the September of the Committee of the Committee of the Committee of the September of the Committee of the Commi		or in any peri of the sea between said polata of of and ithands. Prody "Probabiliting to time or have in proceedings or in any book, for the purpose of leading any White time Plats, any Note: intersectly made and factors on Draw or Walds Nas, as any	
Sattroseros Bar. (12d April, 1889.)	Perefiting the use of Transmal Note for the expiremed See Fish to any year of Bellycoston. Boy, On Circle, below or cointle of law years of Spring Tides, belower scarles and estant.		all the Conclet of Descept, between incomess Encol and Oblisation Front, and in all 4 to the waters of street flowing into the see, between the said points, and second the shores of any Stocks on Laboric assumed off that pooling of the solid Court, or in any part of the See, hapteries and solids, between the lat day of	
Pencenca & Deve care Deresys (Rad Cont.) (En Con., 1881.)	OENTRAL.  Bayering By-bay, shad Sind Onsher, 1871, and a list therefore smalley the following By-bay, Blott, and Englandons:  By-bay, Blott, and Englandons:  By-bay, Blott, and Englandons:  Bid, of Note convening minist and income to be forwer on Marie Nova, hearing Madan and the company of the state of the space of Marie Nova, hearing Madan for the space of the spac		begives said seizes, between the in the ex- loration to any said, and the think sky of Domasher to any said, and the think sky of this the Spindown as in the inserticeal system- tical the tax of shape Lincoln State, the shape and the said of the said of the said time, hant to larve, an essent series in the said with an Early and said contained at when the said to larve, for the support of when the said to the said to said the said of the said of the said to the said of the larve larve larve larve larve larve larve when the said to the said to the said of which is said to the said to the said of White law Eith, say Not for the repre- sent which said the said the larve of White law Eith, say Not in the said the larve of White law Eith, say Not in the said the larve of White law Eith, say Not in the said the larve of White law Eith, and the larve of the larve of White law Eith, and the larve larve of White law Eith, and the larve larve of the larve larve larve larve larve of the larve	

APPENDIA No. 8. Alutraid et By Lawa, Veten, &c.

#### ABSTRACT of By-Laws, ORSTRS, &c., in force at date of this Report, relating to the Sea and Oyster Frenzauss of Lazlano.

Place offered by Ry Law, and Date speech.	Near of By-Lew.	Pines of listed by Dy-Line, and Date threed.	Naturn of Replace.
Bay Court destrout Deserve Head and Oblessia Funt, Court Destrout mentioned, They that Sur, CE Agri, 1874.)	Count, so we say just of the Sea between whit pounts, with manina of from these cen level from the Assac to hear, or fazz retheres the or met dwinn the Sea is was, between the 18th day of Angert Is any on a year, and the list of the yel December is easy on the year, and the list of the yel December is the same year.  By the name year,	WEEFCAN COARD-	or to here while suggests in most following a mod no persons shall take these may Option likely finds, formulae behave, of such Workshot Chank, which is Boarse Uvian, very Option of mostles commentated there is taken, on the greatest distributed thereof, and may provious of mod by the any resident spin and may provious of mod by the any resident spin this lay-law, these, or frequisition a sole, for mos- sference, forces and pays are of the or breach.
(E. Agril, 1874.)	Begenling By daw of 24th Fabruary, 1000, po- tabilities me of Oele wish Nicolon loss that eas belt for cogates of Finis of any kind is the part of the costs of the Costa's Energia Incide to the newboard and series it limit draw from Reman (Volta's Farilla Hand, and from Teello Hand to Georgia Josef, and how Georgie Hoad to Steadyes Felici, all is the Berrey of Bernagh and Costa's of Dongoi.		less the Sin, as any Opter Sol, as Opter Finling Oroccal of the Weeked Costs, the hallout of any boat, or or plan makes or long logical our attackers in the makes or long logical our attackers in the Opter Finling; and I pressure segmenting termine shall, for social obsess, ferich and pay a series of New Paralla.
BLUE. (Did Ostolor, 1884.)	Publishing the throwing late the see any element or other matter, or cling, a brody the belong of 71th may be impleaded, or whereby 28 no or other 21thing Clear very be inputed.	On HAMBUR, (1961 Pek, 1876.)	First,—fletween the lat day of May and the lat day of September In may you, as heat deal laws on based, any design of other includes on for the subary of Oystoric, and V, here we show permits alreaded, stores shall be an issued as west, in Cork Hartons and the September of
SOUTH-BASE COAST of IRRITATIO, from Wickstown Educe to Commones Polyte, (Int Supt., 1988.)	O YSTERS.  The Closs Time, during which, it shall not be level to design for take, such, and the reduced by levels are of the footbears must if hands, between Wrighley Had and Curacous Pens, shall be between the SPER, Apil and the in Historiches in such year.		or other implement for the taking of Oyen, the master or owner of such best dail; for each such offseen, ferfelt and pay a sum of
C were of Draces, of Obliver and Wiccome, (23rd Ages, 1992.) Approved by the Mejorat in County, 20th April, 1899.	Poddittag between the 58th April and In- September y math year the tringing for- spitting, analysing all descripting any Option on Option Period as are of any proof of the Sant and Switch Fost Context of Ferfand, whilst the dis- tenses of Your's Pillers secured from a citigati- lizes drawn from the Enterty spots of Landay Educat, In the Grossy Bullet, in Common Paris, in the Consey Werging, seends the emission Fillers (Islands of the British Goldan)		The control of the co
Descis Bar, (160: Med., 1881.)	Pemilibing to dradge for, table, or here to pus- ments American and Portuguess Option, I: their part of Dabbis Bary, in the County of Dabbis, hences as the Chestart Option Bolls, adjacrosis to the Tape is and of Optionhase, Panals of Cleanter, and Benevoy of Confect, Anning the Cleanter, and Benevoy of Confect, Anning the Clean Sensor for Option is until "Dabbis Bay.		fewing field times, by any theats whethere any Oyder of him discussions thin two ladder and time-half, as the greater discussor thresh are self, asyone for sale, give, broader, as yes-dinos, resolvat, encry, or have lik his or her emissibly at yourselvat, may rath Oyden to have a sale any passes or affect in the control quiet of the control of the c
Ds	Permitting to dissign far, take, or have in pos- ments a distribute and Pertuguess Ophiers, in- puting the second of the second of the Dallis, between as the Survey County Ophier Dallis, between as the Survey County Ophier Dallis, indigent to the Tamaissed of Segion Meth, Fashio of Moorie, and Essays of Co- lock, during the China Soines for Option in and Dallis Second		that to "Late", these, is a segmental such affects Given for first and pay a term of First Found. Third.—All passess suppositives them thereing seen that Value, on any Open Bod or Open Findings. Givenal is Coult Hashors or the Extensions of the Evens Eventy area man, the hallant of any long, or any other manners of the physics or a database and to the Open Philips, and all presents until generary benthe shell, for match theme, further and up a man of Ten
Books - Kant Chara, Johnson Wildlew Hard and 2Barne Pelac, (80th Cha., 1000.)	AT passess suggest to falong for or taking Option on the Count of the Counters of The County of the County of the Band and Examples, and the County and Options help places, cell till math Options at may be taken or enough; and shall insu- diately drawn band into the one all Options of head County of the Counter of the County has demanded that we have been to the granted has demanded than two schools to the granted		Printle, No penne shall, harmon financies Survey, design for, take, or seals key Oppor in Cost Herborr or the Statistics of the Streen foreign late same; and every ponen soling outbray bents shall, for such offers forful and pay a mm of Fire Presid.
	Sansiner derect, he well on til garval and Sansiner de skale redest to neither in such- lag directed er Opriser Bed within the lands and directed er Opriser ell ten directed and the stormed, may Opriser ell ten directed and the two lineshes as the greatest directed absently. The lands and the greatest directed absently to the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the directed and the state of the state of the directed and the state of the state	Erealte Hannon and Bases Event, (22nd August, 1892.)	All persons fishing for or babbe, Oysons he only part of the Bilding Grounds is Olyon Takes remarked in Thinking Grounds is Olyon Takes remarked in Thinking Horizon and Basilton parts Olysters as may be staken as empty, and shall see remark from each Bilding Owendown Departs the same of the Control of the Oyser fish same from the Bilding Owendown by the Control of the Control of the Control Control of the Control of the Control of the lower held incomplished; there has been also and the State of the Control of the Control of the Control of the Control of the Control of the control of the Control of the Control of the Control of the Control of the Control of the Control of the control of the Control of
	panesses any Options of loss dissentions then alterned, knowing the same to have been taken within the lembs afreezald; and any person oftening in any respect against this for Low, Rain, or Registries shall, for such effects, further and pay a nam of Two Founds,	LOUNT MARON, Co. Cons. (Vit. January, 1887.)	Box 1948 of the transfer for, or have in processors American, Periodicion, Franch. M other foreign Option, in that part of Lough Matton is not as the Compressio Option for from Lit Nay to Sim August.
Waxenoon Court, (Ris April, 1982.)	First.—All present segaged in finishing for an saking Operary off the Westerd Count, earth of Kover Prost, shall sed at much Operary as they in takes or easyle; and shall not on- ment form any Politics.	Chi Ang., 1072.)	The Clear Time during which is shall set be invent to dradge for, take, each, or deswing any Organs or Organ Bred with Taken Bay, or off or from any of the above or some thereof shall be between the 10th organ of Marsh and the let day of Na combar be such year.
	any Dyroc of less is measured that these moles, at the preston diameter thereof, and shall be medicately those hash note the see all Dyrocs of less dimentions than abressed, as well on all presed and frequencies of shallow shall be related	(Dick Feb., 1875.)	First.—During the Closs Season for Option In the Bay of Trains, on host, in the Ear of Trains, shall have so borned my design or offer implement for the nature of Options, and if, during the period abroads, there shall

# ADSTRACT OF BT-LAWS, ORDERS, &c., in force at date of this Report,

Place effected by By-Low, and Este Dorond.	News of By-Law.	Place affected by Rp-Love, and Date throad.	Sidemof#p.Lee.
Paules Ret—ero.  Paules Ret—ero.  Paules Ret—ero.  Paules Ret—ero.  Paules Ret—ero.		Onlers Servers.	The second section of the section of the second section of the sec
MANAY BAY,  GRANDON BOY,  GRANDON BOY,  NO See., 1877,	Green Fred Household by the Control of the Control	A-POLIC ADDRESS and A-POLI	Grant Annual Control of the Control

### APPENDIX TO THE REPORT OF THE

APPENDIX No. 8.—continued.

74

Firm affected by Spilane, and Lair Corner	Mainer of Pry-Law.	Place affected by By Low, and Date thereof.	Name of By Lee,
Activ Serve and CEW Serven	Indeed processed or Sporter Dels and Option of the Control of the	Birtis, Rational State, and Datas Factor, Rational Base, Rational Base, Rational Base, and Other Currie Base, (20th April, 1874.)	again white size, helicolor, and offer New, child however the first New, the however the first New Area has been also for the New Area has been also have been a second of the New Area has been also have been found in the hard have been also have been also have been found in the hard have been also have been also have been also been al
REACCOONS RECOGNIZED BAYS, So. (18th April, 1802.)	The Chies These deeling which is shall not be lawful to design for, taken, each, or destroy by any meants whe become any Confairs of Contact Decid on a set of the Children or Neutral Option Bods, within Decident and Branchisers days, the Chiese Chiese of the Chiese of the Chiese of or dress any of the thoras or recks thereof, shall be incovers the lost day of May and the Shirt king of August 40 week, year, both mod-		menta of skalit an shall be relied grade aspects, in such findings; and no year subject, it is such findings; and no year subject, from one flow, firend, or 2 fig. 35 pp. Reliabelists, and Dermothic E. I'll instant which there is the set of our findings of the state of the stat
Maccaso and Dissolvantes Esta. (Esta Mes., 1882)	Agricultural Control of Control o	Locus Dynas, Ro. Sc. (USA Feb., HTC.)	Polici-And James en house pusible with the body and the second of the body and
Steen Barries Said, of Dura- (20) J. C.	Princip Benefit or Gyner End vidile for the Princip Benefit of the Conference of the Princip Benefit of the Conference of the Princip Benefit of the Conference of the Confere		and the transformer of the control o

Nevember, 1877, to use for the taking of Oysten is any part of Chrisophini Lough, in other of the countins of Louds and Down pa-

# APPENDIX No. 8 .- continued.

ARSTRACT of BY-LAWS, ORDERS, &c., in force at date of this Report, relating to the Sea and Oyster FIREERIES of IRELAND. Place aftered by By Low, and Day thorast Name of the Law Index thereof as aforesaid, the halpest of say book, or any other master or thing reparate or forthereast to the Dyster Palesty, and all permits acting containsy harvier, their, for each CARADICPURE Probliding at any time after the lat day CON Jana, 1877.)

Lecus. (flok Oe , 1811.)

INSPECTORS OF IRISH PISHERIES.

First.—Distances the Feys day of May and the first day of Supervaler is very year, that being that day of Supervaler is very year, that being that risks sime which which is to not harded to develop feys lake, each, or destroy any Orystor or Oryston Rossell is Longh Perfy, no best, In Longh Peple whill have on board any deading or white Replement for the things of Oryston, and if, between the parents attention, done half for or hand any pent in yorth friendy or half for or hand any pent in yorth friendy or Loose First, &c. hr (200 Oct., (674.) right he on hand may heat may work firefage are where implement for the taking of Opcoces, the master or extent of such hear thail, for such such affects, for the and pay a near of Two Dennich, Second.—All juncous regards in falling for are taking Opcoces in Longh Popies shall, remain-distally on any Opcoces hears taken, self all such Opcoces in any to take a or engight; and and to mention of the control of the second dual is meditately these bands attacks are not to the control of the object to the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the object to the control of the control of the control of the control of the object to the control of the control o In the terminal, we done on them to this any of the control of the The Circs Time during which it shall not be invelve to duelogs for, note, eather, e duelogs by any constant witners may Options or Option Based on or of the Paille or National Options Based on or of the Paille or National Options Based within Stranginger Lample, we old settlem says of the aboves or reside themed riskly be between the int they of Marsch and the Jint day of Anguest in made year, both and down including. GISS Nex., 1977.)

Loven Swaan,

"Find. —If there is the first tipy of March, and the first day of Stephenke In eye prace (think being the dans time within which is in set towh; to dough far think, each, we denote you Gyere and the stephenke I was a set of the stephenke in Strangford Lough shall been so beard may draige it what implements for the slange of Gyeries, and if, between the previous elements, and the stephenke I was the strange of Gyeries, the manage or water of study box dealing see what implement for the today of Gyeries, the manage or water of study box statis, for each soft offense, defined and pay a takes that he is should very took only mine Organic American and the organic American and the organic American dimensions then two is obsessed as shall at the great chain to breath, and a person shall addition for the state of the st

(199 Jan., 1994).

(15th Aug. 1893.) Canal percent

Thirdesh day of Norumbac In seed year, with the mid-day industry. See In presenters, Permoting to take, or all Delth presenters, Confinged Lawry, between the Consider of Confinged Lawry, between the Consider of London Daws, by any permu permund of present the confine of the Consider of the Consideration of the Consideration of London, and Daws, by any permu permund of London, and Daws, by the Consideration of London, and Daws, and there is no the London of the Consideration of the Consideration of London, and London of London, and London, the Consideration of the London of London, and the Consideration of the London of London, and London of London of London, and London of London, and London of London of London of London, and London of London of London of London of London, and London of London of London of London of London, and London of Londo

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Options in any point of Designation Longly, an oppositively, this transitive consensation of the con-gration of the property are related incomment. And the content is the property are related incomment. And a passion of the content of the content of the designation of the content of the content of the first Paris part for each officient for the con-tent of the content of the content of the con-tent of the content of the con-tent of the content of the content of the con-tent of the content of the content of the con-tent of the content of the content of the con-tent of the content of the con-tent of the content of the content of the con-tent of the content of the cont numer or Owner of such heat shall, for end nucle offeren, forice and pay a sum of Two Pounds.

melt research, these may be personal. Second.—All persons suggest in failing for set taking Opener in Octopfeel Length skill, intensellately on any Opener being states, self-all much Opener in one of these or anaphy, and skill intensellately show both later the me all Opener of the filments and the translated and can be all the greatest distantary the self-analysis and can be all the greatest distantary becomes and one-ball at the greatest distantary becomes of these analysis and one-ball at the greatest distantary the-self-analysis. or wall as all growth and Depression of dashies conversion on the growth of Depress of the terms whose purposes of the property of the conversion of the property of the property of the discussion flat are links and we had not supposed discuss of the latest and the latest temporary flatons of the latest and the latest consistent flaton of the latest Conference of the latest temporary of the Conference of the latest temporary of the supposed of the latest temporary of the supposed of the latest temporary of the latest latest temporary of the latest latest temporary of the latest l The Clear Time during which is shall not be leaved in daulge for, take, each, or desirely by any means whiteserenter Options of Option Based within Carlingford Longh, or in very

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# Appenden, No. 9.

Date of Mercen.	Farmer to when granted.	Locality of Feds.	Acres Boost	Date of Sersonics.
County Astrin				
1839. Del Harek, .	James Walker,	Belfast Lough,	157	7th March, 1872,
County Clere.			1	
1802, 16th February.	Robert W. C. Reeves,	Clouderlaw Bay,	119	16th September, 16
1597. 15th July,	Robert W. C. Beevon	Biver Shance,	30	16th September, It
County Cork.				
1848, 24th February, .	R. T. Evanson, Lord Charles P. P. Clister,	December Bay,	19 45	21st November, 15 20th October, 1683
1858, 50th July,		Glergarviffe Harbeer,		
1860. 4th October, .			20	
1960, Pth October,	Ebeneser Pike,	Lough Makes, Estency of Biver Lot.	47	20th August, 1847.
1864. Shit October, .	R. T. Ations,	Lough Hyps	25	1st February, 1886
1864. Slat Depember, 1865. Int Devenher,	W. Fitalames Barry,	Glandoro Harbour, Rosringwater Bay,	75	18th November, 11 20th August, 1887.
	M. J. C. Lourioid.		310	
1665, 10th July,			230	
1868, 11th Petersary, .	Bickard Lyons, Stephen Brunn,	Midleton River,	15	25th October, 1880 Hist October, 1880
1968, 18th Murch, 1866, 18th February,			18	9th March, 1878.
1800 Lith February, .			60	
1869, 18th Murch, 1869, 14th Jane,	John Warres Payne,	Bustry Boy, Coertonocherry Boy,	51	16th October, 1870 20th August, 1883
1871, 22rd March,	Esel of Bentry and T. J. Leaby,		122	
			139	Alst October, 1866
1872. 14th October,	Samuel Highard Townsond, .	Riscslisky Harbour and Rourngwater Bay.	240	7th February, 189
1578, 6th Morch,	Lieut,-Cel. W. H. Longfeld, . Sir H. W. Bother, .		22	27th October, 188
1674, 25th January, 1961, 16th March.	John Arundel,	Lough Hyne,	30	1st February, 1880 19th March, 1891.
		occur company		
County Donograf. 1855. 23nd September, .	John O. Woodhouse.		- 63	30th October, 188
1887. 10th July,		Muleoy Bay, Trawbrenga Bay,	50	
	William Hart.			
1971. 15th July	Sir James Stowert, Bart., Alex. J. R. Stewart,	Do.	143	14th March, 1890.
1878. Sook November, .	Jane Moore Debuty,	Skepharen, Loogh Fosia,	31	30th June, 1890. 14th July, 1884.
County Down.				
1871, 5th Occober	Mazonia of Downshire,	Dutdrug Boy	62	4th June, 1889.
1874. 14th Suprember, .	Seared Morland,	Strangford Lough,	1.5	5th August, 1890.
Corney Dublis,				
1867. 10th July,	Bichard D. Kune,	Howth Strand,	35	19th October, 1866
County Galoug.				
1868. 15th February,	Sev. Anthony Maget,	Sellorna and Cloggen Bays, and Streamstown Bay.	977	11th April, 1890.
1888. 18th February, .	Alexander Clestining Lambert,	Killary Harbour,	114	20th November, 18
1850, 11th May,		Baffank'll Harbour,	223	25th November, I
1861. 10th January, 1864. Dist October,	William Ferbes,	Henwish Bay,	160	25th November, 18 30th November, 18 28th March, 1876.
	R. E. Lynch Athy, P. M. Lynch	Do., Ballinakili Harbour,	350	
1584. 23st December,		Ballinakili Harbour,	60	16th June, 1878.
1564. 31st December, 1563. 1st December,	C P. Archer, Captain Acheses,	Da.,		Litch Arest, 1976.
			81	10th April, 1676.
1867, 10th July, 1987, 10th July,	William and James St. George,		810	15th Jamesry, 189 10th April, 1876. 10th April, 1876. 28th Jamesry, 187 29th March, 1876.
	Christopher T. Bedington,	Do., Barraderg Bay,	850	5th December, 188
1969. 4th March	Present J. Graham, John P. Nolan, Gilman Brawre,	Ard Bay, Ballynakill Bay,	250	
1873. 51st December, . 1874. 10th April, .	Gifman Bruwre,	Ballynazili Bay,	120	25th November, Il
		Kingstown Bay,	167	25th November, 1
1878. 30th October,	Mitchell Heavy,	Carrie Bay, Ballynakili Harbour,	300	25th November, I Dospped—new her granted so 9th N 1893 (No. 171)
1861. 2nd December,		Ballynakili Herbour,		1893 (No. 171). 25th Mercenter, b

# INSPECTORS OF IRISH FISHERIES. APPENDIX, No. 9.—continued.

# LINY of OYNTER LICENCES REVOKED up to date of this Report-continued.

Date of Licence.	Persons to whom granted.	Locality of Bolk.	No. of Acres. about	Dute of Renounties.
Chanty Kerry.  1848. Sh Jane, 1860. Sed February, 1860. Ish May, 1863. Ish Joly, 1863. Ish Sharen, 1871. Sth March, 1871. Sth March, 1878. Silk Nevenker, 1878. Silk January, 1878. Silk January,	P. H. Daweisg. Knight of Karry. Leed Barov Ventry. Thomas Sunder, Heary Herbert, Earl of Busity. Sourcel T. Heard, William Creagh Hickie,	Kannara Estoary, Valencia Harboar, Diogle Harboar, Sivus Shanson, Egenause Bay, Andgroon Harboar, Komans Estoary, El ver Shanson,	3 78 130 780 90 940 82 316	Ind June, 1803, sth March, 1678, 12th Navaster, 1890, 58th October, 1876, 58th May, 1877, 18th December, 1876, 18th June, 1893, 18th September, 1880,
County Lumberderry.	Bahert L. Moore, Sazzael M. Moore, James Curscades, B. M'Corioli, John Muse, S. M. Alexander,	Lough Foyle,	8,579	20ud July, 1890.
County Levels. 1671. Int July,	Arthur Havell,	Carlingford Length,	144	11th June, 1808.
County Meye.  1454. 5th Novembar, 1454. 5th Novembar, 1455. 14th Novembar, 1455. 14th Novembar, 1450. 18th Novembar, 1550. 18th April. 1551. 18th April. 1553. 18th Novembar, 1550. 2sth Novembar, 1550. 2sth Novembar, 1550. 2sth Novembar, 1550. 2sth Novembar, 1550. 18th December, 155	W. H. Carter, Hon. Dovid Pleaket, Jobn Bindrods, William Borsten, William Borsten, William St. Carnold, William St. Carnold, George Cites, A. W. Wyndam, Manuscu of Sign, Manusc	Trawmore Bay, Nikery Harbors, Fluctual Bay, Killary Robrion, Addl Seared, Do.	16 200 50 43 149 1,474 489 80 190 118 23 128	94th Ostober, 1887, 97th November, 1889, 19th October, 1889, 18th October, 1887, 50th March, 1860, 18th September, 1868, 18th September, 1877, 30th September, 1889, 98th October, 1876, 18th January, 1877, 18th September, 1889, 91st Miy, 1890,
1866. 1st Decomber, 1866. Stoh Ayril, 1867. Stoh Ayril, 1867. God July, 1867. God July, 1867. God July, 1867. God July, 1867. Stoh July, 1875. 28th Decomber, 1875. 28th July, 1875. Stoh July, 1876. Stoh Stohen, 1876. Stohenster, 1876. Stoh	Hammon of Slige,  Disa Jawa J. Powler, Elizabeth Advenses, Elizabeth Advenses, William Linfe, William Linfe, William Hon, Jama Roves, Jama Roves, Jama Roves, Jama Roves, Jing Pegan, Thesase Shase Curter, Thesase Shase Curter, Evense Bearnes, William Plas, Daoid Corray, C. & S. Dickens,	Benansery. Cleen Ray, Den. Den. Den. Den. Den. Den. Den. Den.	98 970 11 46 17 180 306 43 83 81 24 80 82 46 68 83 83 83 84 85 86 86 86 86 86 86 86 86 86 86 86 86 86	9th October, 1878. 11th October, 1875. 11th October, 1875. 11th October, 1877. 11th October, 1877. 11th October, 1877. 19th Aged, 1878. 19th October, 1878. 19th Aged, 1878. 19th Aged, 1878. 19th Aged, 1878. 19th October, 1879. 19th October, 1889.
County Ships.  1809 14th June, 1871, 24th April, 1871 24th April, 1871 24th April, 1871 34th April, 4673, 3rd March,	John W. Smotked, Edward Parks, Martur Cunness, Michael Cunness, Michael Cunness, Isahella L. Eccles,	Kilisla Bay, Milk Havee, De., De., De.,	31 50 9 2 99	15th January, 1890. 31st Uctober, 1893. 33st October, 1895. 83st October, 1895. 83st October, 1885.
County Waterfied. 1802. 6th March, 1804. 2nd Tabrosary, 1804. 11th Novembers, 1804. 11th Novembers, 1804. 17th October,	Educated Power, Earl Fortescon, John B. Dower, Archar Bonta, John Kendall,	Transers Say, De., Desgarent Harbour, Do., Desgarent Bay,	270 83 27 63 297	19th Outober, 1889. Stat Outober, 1889. Sind March, 1877. 18th September, 1889. 18th September, 1888.
County Weaghout. 1806. S0th April, 1878. 7th January,	William Dargen, . Thomas J. Hutchingon, .	Wexford Herbour, Denormick Estaury,	30 11	12th December, 1884. 14th December, 1898.

Arreno.

 ${\bf APPENDIX}$  LEST of LICENCES to Plant Overlin Beds in force at date of this Report,

No. of Carpon	Bala of Monon.	Paramage in without Street,	Alleged present Owner of Leases.	Locality of Rota.	Area of Bods.	Armen Srie of Ends sections
140	County Wicklew.	Berry Pomercy Truck.	Enery Posterny Trudl.	Circumstern Longh, .	A. E. N.	Acres
77 72 310 22% 348 348	Ounchy Cork.  20th July, 1867  Zu., 20th July, 1861 20th July, 1861 20th March, 1873  20th March, 1873  20th Rosenhen, 1876	Mes. Elizaboth Dury, Jahn Rayth, Thomas Blob. Thomas Blob. Thomas Blob. Ticadah Bod Charly, Inc. E. M. Sverekhan, Bathard William Johnson,	J. O'Lenry, John Stoylis, Thomas Hoto, Thomas Hoto, Thomas Hoto, Thomas Hoto, Ballan and Markey W. Marracham, Edinard William Johnson,	Lough Mahrs, Mildston Hirer, Emerings and Play, Encelogeated Play, Encelogeated Play, Could present Play, Ownshop Meer, Cook Harbour, Eine, Feliat and Hing Minade,	10 0 0 10 0 0	
107	*County Bown. Hat Orlober, 1890.	Mangale of Dufferin and Ava.	Maryola of Digitizin and Ava.	Strangford Lengti,	404 8.56	
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4) No. Report months.

No. March 2015 Annie 1985 Annie

PROCE.

# Last of Licensens to Plant Ornten Bane in force at date of this Report,

APPRISON

No. of Linears.	Date of Alsener	Persona to viliana Grantol.	Alliaguel presents Owners or Endoor.	Londity of Bris.	Arm of Ents.	Arrage 170 of Note tradicion
100 100 100 140 141 144 168	Genney Maye. 10th Toronber, 1809. 10th Toronber, 2864. 10th Exceeding 2864. 10th August, 1875. 10th Jonatey, 1876. 10th Jonatey, 1876. 10th Jonatey, 1877. 10th Suphember, 1877. 13th Descender, 1871.	John C. Garrey, Capain George Antile, Osional T. A. E. Gree, John Kenind, Martin J. Fagno, Nichael Moren, Francis Buildelinel, Maria Russell, John Germa,	Cuptain Goo, Annie, Cuptain George Annie, Mrs. M. B. Konn Oure, William Guery, Mrs. Hery Hellale, Pressis Malbidand, Thomas Beartl, John Carries,	Clear Eng. Westport Days. Elikale Days. Clear Eng. Da. Da. Da. Da. Da. Da.	A. A. P. 180 8 88 184 8 8 200 0 0 64 0 87 18 8 8 8 9 8 18 1 80 4 1 18	Acres. 4 67 88 10 10 11 11 11 11 11 11 11 11 11 11 11
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86 98 98 186 186 186 186 186 186	10% March, 1866, 10% Repeated to 1968, 20%, 20%, 20%, 20%, 20%, 20%, 20%, 20%	Colmon Efeard Occupar, Stray W. Monstillo, Owen Wreen, De. B. J. Tereshopte, Agen M. Nicholme, B. J. Tereshopte, S. J. Wendenger, S. J. Wendenger, S. J. Wendenger, All Good Jones Marin, Percy Meeting Bana, Wilden Contract, Alex Jeorga Crichine,	Colosel Edward Corece, Honzy W. Moreddib, Monex. Boss and Toylor, 17 E. Hans and Chick S. J. Gresshoph, B. J. Vernshoph, F. J. Saddenn and others, James Boss, James Boss, Alex, Jeoph Cridden, Alex, Jeoph Cridden,	Ballooder Sep.  Ob. Do. Do. Sign Bey. Kilge Bey. Kilge Bey. Kilge Bey. Kilge Bey. Kilge Bey. Kilge Bey. Do. Do. Do.	100 0 0 90 0 0 77 0 0 83 0 1 10 8 8 80 3 13 314 0 83 77 1 64 330 0 51 44 1 0 102 8 80	10 10 10 10 10 10 10 10 10 10 10 10 10 1
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No. 10 .- continued and substance of Reports received as to state of Bods-continued & national or Remark Services as to start or Error Worked with No :et. Deds hapt sloys and to good condition. Bod has, for purpose of Oyece unlineause, been descriped to norwards, and overring with and. n. Here sold or laid down. he full of spat. Easys portion for the ten breefiler that our managed book 'Gast commend About 1,000 half form. Vary Ettle spat. Set sixused and in good steet. No Beyork received. Hed in good envelopes. Auto Opeters sold and 14,000 had does. Very seal itsill of eyel. But stressed and marked with burys. Alone seld. 1,000 lab. down. Good fall of spat Owner wilding result of previous plantings. But were 1,000 and 2,000 below off. None planted. No full of spat medical. But it for sixty. Owner expects fall result and year when applies will be marketable. Houghts sent to best markets here been County Slige. Worked with No. 100. No Expert resolved. A small quantity of Cysters token off for private san. Name talk down. No perceptible fall of apot. Bed in deaper of being served with differ each.

Werked with the each III. Het descond to Between 2000 and 5000 mild. None told down. Stall held of seat, and not as Bode kept eleme and in great under. Browners a rea and \$300 and . \$2500 (But Bless) Am tide kept dates and it preferance. Detectes 4,000 and 1,000 and, 1320 filter filters (America Green and America Green an do. for No. 11. Worked with this and No. 171 About \$00,000 Owners said. Fall of such but not be great exactly. Belowicas, See No. 16. Warker with this sed No. 151. Ne Export reprised. Nothing Jose on bed. County Denegel. No Espert regions. County Louth. No Report received. on Degree planted in early wast of 1938, and all picked up for sole latter on. They did mederately w No Expert received.



# APPENDEX, No. 11.

#### LOANS.

The following tables show the transactions by us, and the Commissioners of Public Works in recard to Loans out of the Fands at our disposal :---

# Sea and Coast Pinnerius Fund.

#### TABLE No. 1.

#### TABLE showing the Loans applied for and recommended out of the £20,000, received (in accordance with the Furthase of Land and Composed District Telend Act, 1981) from the Sea and Coast Shieters Fund, for submissionate by the Laspectons of Inith Fisheries in Non-

Options.		He of applica- tions.	No. of applicates.	Amount of Loads applied for in 1818.	No. of Longs security standard.	He, of parsons to whom Local steeps monded.	Amount of Lines Procure aded in 1980,	Ataonate antically reseal between let Johnsoy and Stat December, 1905.	
Awining, Clare, Clare, Svangel, Bu wm, Du blab, Waller, Kerry, Lancoun, Lancoun, Lancoun, Lancoun, Lancoun, Waller, Waller, Waller, Waller, Waller, Waller, Waller, Waller,			 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 10 10 10 10 10 10 10 10 10 10 10 10 1	# 1 d d d d d d d d d d d d d d d d d d	Ti est l'aces	1 21 21 22 24 24 24 24 24 24 24 24 24 24 24 24	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 1 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

### Sea and Coase Pressures From

## (Non-Coronway Districts).

#### TABLE No. 2

STATEMENT by the Commissioners of Public Works in Iroland, showing the various transactions between 31st December, 1892, and 31st December, 1893, in permanec of the Act 54 & 55 Vic., csp. 48, Part II., by which the sum of £20,000 is set apart for Leans in Non-Congented Districts.

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AMERICA No. 11.

SEA AND COAST PROSESSES FUND.
(No-Common Demann)

Table No. 5.

Parameter of the Deal Assesses Advanced, and the Total Superposes on Own Assesses, And Assessed of Persistancy More gives an Seconds, in Hat Detection, 1883, topology and the Assesses in Assesses, and the Assesses in Assesses, and the Assesses of Persistance of

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10	Dog	Promps East, .			2,000 0 0	1,845 0 0	-	8 549 11 1	-	4 19 0	0 10 0	
٥	Die	Satiragesi, .			3,819 to 0	10 10 5	274 8 8	1,640 8 0	1,317 35 6	00y 18 B		
¢	De	Societani, .		20	5,800 0 ¢	-	-	A164 8 6	1,347.21 1	8,000 6 4	1,196 7 8	
۰	Weekel, .	Kimore,			6300 B B	-	5,320 D D	5,466 8 6	-	22 2 4	3,185 15 6	
0	Widden,	dispitents	10,500	0 0	E180 0 0	500 0 a	1,000 8 6	6,500 0 0		SATT 16 21	765 16 2	10
				-		-		-			-	4
		Totals, .	337,766		200,800 B B	4454 14 8	97,654 e e		8,000 10 4	68,064 35 P	64,836 11 5	4

contencto	ors bave	been e	btnined	by the	Board,	the an	icunts exp	pended i	sach ye	e Commis ar up to 31 e Commis	st March	١,
Expended.							Total Expended to the Earth,	Amount Expended	Baring in Expen-	Prior	Date	No.
2415-9.	1886-9.	1811-80.	1610-1.	1991-8.	1810-5.	160-4	10st Elarch, 1894,	Estimate.	Satistic.	to be exapleted.	emplered,	"
1	440		1 1 4	4 . 4	4 04	6 . 4			4			-
err 29 · 0	110 0 0	41 10 1					1,040 5 4	205 1 6	-	34 Jun. 201.	Jane, 1809.	1
254 G G	-,						5,314 7 4 5,965 19 6		615 22 6		Dec., 250%. April, 260%.	3
560 17 2	-	- 1					1,948 8 1	140 0 1	-		Des, pers.	1
2,818 0 T	250 0 1	48 15 15					13,001 9 6	901 1 1	-	14 Nov., 1446,	Jan., 2016.	1
88 IT 6	= 1	199 6 8 187 7 9					1,656 8 6	177 6 6	-	2nd North 2816,	Nov., 1886. March, 1885.	1
3,443 # 90	89 10 d	-					4,000 14 1	10114 1	-	let Sec., 18-5,	May, 1911.	
\$100 0 13	60 8 10						4,980 14 6	100 14 4	-	let Sept., 1944,	Sept., 2615.	14
1,000 17 %	67 2 6	* 1 0					14,465 10 P	10.0	417 1 3	IN June, Sect., 145 Aug., Sect.,	Dec. 196.	30
167.11 6							10,657 16 1	87 10 E	=	Int Oct., 1404,	5cst., 1811.	22
1 4 4	-	-					0,648 1 8	-		16 Spr. 18-5.	Nov., 1807	13
1/66 4 4		- 1			- 0		0,110 11 P	- 1		tet Oct., 1900, tet Dec., 1904.	Dec., 1817.	14
							1,094 16 8	-	40 1 4	165 May, 18+6.	May, 1804.	11
- 1	200 14 6				- 1		3,295 11 0	-	550 8 6	1st June, 1884,	Oct., 1991.	17
520 8 4	- 1	-					5,590 DE 0		208 1 8	105 Nov., 1868, 185 Nov., 1865.	Dec., 1815.	11
522 14 1		10 M 10					7,750 M F A	87 to 1		Let Oat, 1607,	Mag, 1447.	18
UR I 6	- T						1,907 6 4	_		1st Nev. 1812.	Dec. 1447.	21
20 10 16	- 1	-					2,050 10 1	-	694 1 13	-	May, tiest,	12
201 14 3	1	-					5,840 to 16 5,027 6 11	29 0 13	107 4 2	ter Oct., 19cc.	Doc., 1885. June, 1885.	24
23 0 0							1,110 1 F		999 18 5	in ed., 1900	April 1665.	25
107 14 4		= 1					1,004 0 0	- 1	5 14 4	16 Ga., 165,	June 1166.	21
- 1	-	-		N 7	1		100 to 2	-	300 18 2	-	25cy, 1887.	30
- 1	- 1	=					245 14 15	_	20 1 2	_	May, 1861.	20
1 = 1		=	K I				not 6 6	- 1	7 14 6		May, 1807.	20
349 2 4	- 1	~					3,476 4 8	-	475 10 4	-	Det., 1887.	33
-	- 1	-					149 3 3	- 1	77 18 6 64 15 6	~	May, 1647.	37
10.14	= 1	= 1			1		262 6 2	82 P S	64 15	-	Dec., 15cc.	34
- 1	- 1	-					tso 4 6	-	60-14-6	Let Fran. 1544,	Mey, 1405.	20
\$40 M S	777 9 1	-					8,000 S 4	161 2 6	177 H 4	54 Oct., 58-2,	Sept., 1405. May, 1405.	26
999	-	-					50011 6	-5	253 0 6	-	May, 140.	100
- 0	=	=					22 0 0	100	-	-	July, 1994.	23
1,610 8 6	SI 0 0	-					3,740 17 2	1 - 1	100 9 2		Dec., 1883.	0
5,610 8 0 5,610 6 6	2,012 24 2	4,641 30 0	1,671 10 16				1820 0 5	3.90 + T	88 F2 -	let Nov., 1807, let Get., 1807,	Dec., 14st.	44
- 1	*,ens 14 9	- 20 0	., 10 10				4,004 0 0	- 1	300 14 0	165 Oct., 1863,	Yeb, 1666.	42
1,800 0 0	858 8 p	-					600×12 6	DB- 35 W		-	June, 2464.	44
A10 10 a	-	-					820 18 0 8,000 10 10	41 12 10	76 1 6	2141 Oct., 1816.	Jun., 2005. June 2016.	6
10 T 6	200 te o						270 11 6		161 + 16		April, 1112	6
200		-					1,174 18 4	- 1	25 1 6	-	Medicina	ě
256 # c	84 4 0	200 0 0					1,035 17 6	199 17 0	A	E14 Oct. 1881.	Mods,1644 Oct., 1865.	50
Mad	1,07 1 11	-					1,043 F A	100 0 0	434 17 4	set Oct., 1880,	Dec. 1805.	11
40 1 0	- 1 11						4,004 17 8	204 12 0	= /	3et Hen., \$503.	Ang., 1864	28
1 10 6 6	26 18 30	_					2,044 17 4	844 17 5	-	let 0et, 1447,	Jecs 1546.	60
465 13 11	88 14 2	0 39 8					5,535 0 10	204 18 5	90 10 2	let Cur., 1846, 1st Oct., 1845,	July, 1848. Jane, 1808.	14
-my 0 3	1,000 6 0	160 1 6	3,276 0 6				140 11 0	- 18 S	30 6 6		July, 1510.	64
122 2 4	202 10 4	=					Litt 0 7	-	40 10 10	1st Oct., 1866,	Meg, 1008.	10
1,310 6 2	3,316 10 4	261 27 1					5,544 08 0	1 =	238 B 4	Let Hoys., 1885, Let Wave, 1886,	Jene, 1055.	84
4,062 0 A	6,663 W D	LB00 14 S	2,27x 14 6	2,600 8 6	1,000 4 3	E17 9 6"	20,816 29 T			in ast, 1881,	_	1"
PUMB 10 1	99,000 11 4	7.600 NF 0	6,820 16 31	5,000 0 E	1.000 6 1	ect 6 0	465,530 0 0	-	- 1		i	



APPENDIX, No. 13.

Quantity of Salmon, Herrings, Mackenin, and Con, exported to the undermentioned Nine places in England, from Ireland, from 1st January to 31st December, 1893,

_		BALMON. Bin of Boxes of 189 Din each.	No. of Descript Laws, such.	MACRESEL, No. of Dexxs of 2 cost each.	No. of Boson of S cell. each,
London,	- [	8,849	7,416	19,879	6,130
Nettingham, .	- 4	9,163	3,115	4,321	2,411
Bendford,	- 1	9,818	4,109	3,707	3,110
Manchester, .	- 1	9,975	7,704	12,895	3,979
Sheffeld,		3,919	2,108	5,807	2,965
Walverhampton,	- 4	3,104	3,477	4,564	2,811
Leeds, .	1	4,613	4,008	5,931	3,604
Liverpool,	-1	13,216	12,081	18,070	8,065
Birningham, .		5,784	4,083	6,333	3,613
Total, 1893,		52,510	59,210	74,488	37,578
, 1899,	٠.	55,361	60,869	58,173	87,611
Increase, .		_		16,315	_
Decrease, .		2,881	6.80	_	83

Convetice	Salven e		٠,	A					ha price real		*1				d
o and a second	COLUMN	ï	'n.	total	value	wrek! be	re ber	ner (c	ne beroe son	DOM: I	LAVER	(n),	299,425		0
	Herrings	41	41	04.	0.6	per box	of 2 c	mt.	de.		de	(b),	50.210	. 0	
	Mackerel	44	£Ι	104.	DV.	do.	de.		do.		do.	60.	111,733	. 0	0
	Cod	MA.	40	150.	0.6	de.	do.		do.		de.	60.	28,103	10	0

Do. 6c., dO 15c. On per based of 2 cmt.
 Do. 6c., dO 5c. Sd. per scene.
 Do. 6c., dO 16c. Od. per based of 2 cmt.

The later with the la

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b. Bullin,						110		×																						-
8 Today						414		и		10		ж.													100					
S. Waterleek,					4	110	1						4 1																	
6 Denm, -				٠		100																		П				-	-1	-
				×		1.14								ŀ.													-			-
r' monese,						111											- 1								10					
P. Swin.						+ 18																		-	**	41				
P. Keesen, .						+ 14				14		а.												-1				1 in		-
1 Kiloney.												a.												- 1	м				н	
E. Servicio, v.						111																			٠			-	П	
M. DONE.						***						ы.											١.							-
N. Ostoniani,						111										• •		H	٠									-		-

### APPENDIX TO THE REPORT OF THE

Assessment No. 15

No. 18.																	a. 15.							
Scotz	901	_	-	_	_	_	_	_	_	_	-	-	÷	-	» P	01	E94 C	ıf C	0	OSSETVAT	one for t	an Year	1803,	
Daresson.	1. Subsets Facts.	S. Cross Lines.	L. Beng Piete.	Dealt Note.	a Delli Ferb.	S. Treamed Sein,	Nets.	6. Zag Neta	S. Fig Saca.	20. Socie Siete.	Boat Water	D. 344, Grib, &c.,	45. Oap. 7 ps. do	M. Evespera.	B.Copilla.	H. Long Kets.	Arto Line De	737		Per-ceetap 20 Per-ceetap Per-ceetap Paleation	America.	Ameuna Ameuna Ed Rainerriga Viena Prostroal	Tetal Total districts inscired.	interest No. 100 100 100 played.
l. Intilia,	1	Į,	F	82	10	٦,	1	ļ.				Ŀ		F	Ī-	ļ.	20	ń	40	210 1	10.10	400	200 to 1	202
3. Westerl.	33		-	11	1	4		-							-		893	10	0	-	19 17 6	- 1	501 7 6	579
A. Wassiel, .	211	b	100	14	13			,		4	1	ŀ	2		-		1,501		н	85 17 (	255 25 1	-	1,000 28 1	1,5 cs
4. Linners.	54	b	20	21	72		ı	ŀ		١,		1			-		GHI	ю	0	AL DE A	19 4 3	-	195 94 1	191
f. Dett	n	ŀ	-	10			l.	h		h							A113	٠	d	98.34 (	55 8 8	IN 15 6	138 Eb 1	049
Do (Benies)		ŀ	ŀ	W				ŀ				-			-		181	٠	0	DI 10 10	29 14 1		E10 30 C	22×
D. Maleren, .		ŀ	ŀ	51		-		-							-		71		н	-	- 1	- 1	78 0 0	181
60. Eastry, .	1	ŀ	ŀ	1			ŀ	١.		١.						ŀ	All	10	d	-	0.7.5	-	45 27 0	
O'. Econore.	1	1.	-	1						Į.	١.			8			74	٠	d	0.01.0	19 15 0	-	00 0 0	130
T. Killsmey, .	10	b	4 -	114	(-			ŀ	١.		-	и	٠	-			410		d	1 1 0	20 14 6	feet.	Aus to 8	110
8. Linerick,	2k	h	2	N	lи		la la	١-		la		11	193				4,000	5	d	ex 1 (	156 4 1	- 1	9,707 18 3	4,1%
St. debeg,	1	ďπ	ŀ	11				١.					1		00		180	0	ń	16 0 0	000	-	161 0 1	142
St. Commun., .	11	4-	-	ŀ				-									110	n	ч	20 11 11	-	- 1	143 0 0	(111)
yr. Religion(E, .	1	d-	-	11	(-												100	н	d	3 10 6	0 18 A	-	130 h F	98
19. Ivoger,	1	ų.		4	ł-			14									500	0	d	7 10 11	0 18 6	- 1	207 3 4	915
IL Tollin,	ŀ	ŀ		h	No.	-		1				1	25			-	nte	n	a	DI 0 1	NY 18 H		740 II 8	100
H. High	1	ŀ	-	06	(-)			1					A				850	п	ų	41 0 1	1.10	101 0 10	900 18 1	108
18 Billysheame,	10	ø	-	14	14		3			1		1	12				410	11	d	100	20 0 30	207 0 0	m to 4	670
14 Lattokenep,	19	١.	-	11	(a)			١,				,	,			51	814	0	4	3 0 6	95 18 6		80 11 1	419
W. Lookedam,	13	1-	ŀ	24	n		1	1		1 1							851	ш	d	55 D B	51 T 16	ASS 11 E	1,974 7 11	710
Mr. Calession, .	10	1-	ŀ	114	110	v	-	,							14		160	0	4	24 0 0	97 10 6	111	1,121 15 #	3,170
10 Belymerie, .		(-		14	įκ		-	14							b		944	30	d	80 0 0	10 18 31	-	965 9 18	311
IT. Droghole, .	10	ı,	d	120				-	١.			١,	10				140	10	d	0 4 0	1 10 0	- 1	260 T 8	840
ITS Dendale, .	12	ŀ	ŀ	M				1	ŀ		Ь		11				ın	0	d	F 50 0	17 4 5		882 14 5	- 61
Truc, 2005, Truc, 1003,					)04 )01					55			111	:	9		10,510		2.2	773 S (0 800 DH 9	840 14 .6 860 14 .0		18,977 16 11 18,900 11 0	18,995

			n	arrimete of the	***	w	non/er	of m	ne explicate	i4 (5.4	ds sy	on follows	111		
J. Selman Bede,		I men.	. 4	Dell Hess.			torre.		Fite Mele.			torn.	- 10	Our. Hen. bu.	ten

Arrenna, No. 10.

APPENDS, No. 10.

TABLE showing the Total Amount received in the various Fishery Districts from the sale of Licences between the years 1863 and 1893, inclusive.

		Amount for Live			1			Assess:							America for Liver	100 E	abrad. http:	
		£	ж,	d.				4	и,	d						۶.	6.	
1003		4,680	7	ı	1874			4,276	0	٠	1864				3,979	0		
1881		6,641	5	ā	3573			6,854	٨	٥	100.5		٠		33,745	bs	P	
1863		0,537	0	4	3074			6.253	13		1233				21,665	4		
1660		6,820	10	à.	3977	ı.		2,243	1.8	è	1887		÷	÷	0,605	14	н	
1057		6,547	0		3354			8,510	à	è	1600	ĵ.	÷	ĵ.	10,625	0		
1960		6,607	0	0	1109			8,254	13	٠	1000				10,000	10	٠	
\$905		6,414	ŧ	4	1660			5,660	33	0	1800		÷		10,005	00	٠	
1974		7,233	ı		7861			8,362	٠	0	1,821			÷	30,000	10		
1973		8,864	ā	٠	11192			0.005	10	è	1,100		÷	ĵ.	20,000			
1172		7,350	à	٠	1002			1.738	è	0	1543	ĵ.	1		10,569			

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# APPENDIX No. 17.



ABSTRACTS OF ACCOUNTS RECEIVED FROM THE DIFFERENT DISTRICTS FOR THE YEAR 1893.

DUBLES DISTRICT.		
	e .	٠
	87 0	3 .
74 Salmon Rods,		
10 Drift Nets		
1 Transel Net 1 10 0		
1 Pule Net,		
W-181 W-	06 10	0
	8 10	ŏ
	13 10	
		_
Total, — 24	13 10	3
The Expenditure was as follows:		
	£ s.	4
Water Bulbifs,		
Solution,		
Printing and Stationery,		
Postson 1 12 0		
Maiety of Penalty to Prosecutors, 4 16 8		
Total, 1	91 0	8
	152 2	
		_
14	113 10	3
WETTERN DISTRICT.		
WELFORD DISTRICT.		
£ 4 d .		a.
	м т	
77 Deaft Note		
1 Drift Net		
	36 10	
	10 3	
Finer received, Interest on Beak Account,	3 14	â
		-
Total, — £6	53 S	10
The Expenditure was as follows:		
4 4 4		
Printing and Stationery		
Postago, 1 13 3		
Moiety of Penalties to Prosecutors, , 8 0 4		

## WATERFORD DISTRICT.

Bale	unce :	from:	poevis	es ye	947,		_		786	5	6
215 Salmon Rods.						215	0	0			
3 Cross Lines.						0	0	0			
226 Snap Nets.						554	0	0			
54 Draft Nets,						162	0	0			
75 Drift Note.						225	0	0			
1 Bar Net.			- 1			10	- 0	0			
4 State Nets.		- 1	- 6			120	0	0			
1 Head Weir,		- 1				6	0	0			
3 House or Oribe.						30	0				
28 Gaps or Eyes fo	e E	de,				28	0	0			
Tot	al for	Line	nes D	uties,		_	=	_	1,156	0	0
Fines received.							_		134	11	Ġ
Produce of Sal	es d	844	ecc. I	setsed	lo.						
Drum Nets.					-		-		2	1	2
Rates on Poor		Value	ution.				-		53	17	6

#### The Expendit

bare w	мя ав б	ollow	:-				£		a.	A	
Wat	or Heahill	k .					100	2	3		
Bala	ries.	7 :					125	ō	0		
Tray	rion,	d Miss	diane	OTA.			173	16	- A		
Prin	ting and	Statles	ery.			- 1	18	7	- 6		
Post	MON.							- 6	ò		
Pros	eastions.						85	18	- 8		
Corr	experien o	n Sala	of Li	cences		- 1	07	16	ö		
Male	ny of Pea	alties	to Pr	cescraf	are.	- 1	78	3	ō		
Tates	est on O	reclas	n in i	Bank,	1891	, ;	- 8	0	1		
	70	tal.						Ξ		1,450	5

# **L**езмови District

Balance	from	peorium	TORE.			_		285	1	8	
285 Salman Rods,		,	,	- 1	282	0	0				
7 Cross Lines.				- 1	14		۰				
29 Scap Nets.			- 1	- 1	43	10	0				
19 Draft Note.			- 1	- 1	57	0	0				
72 Drift Note,					316	0	0				
1 Pale Nec.		**		7.	2	0	0				
2 Stake Nets.		**			60	0	0				
1 Box ce Crib.		14	- 12		10	0	0				
					-						
Tota	il Xào	me Dat	70 -			-		684	10	0	

### The Ernanditure was as follows :---

· · · · ·			£		ď,	£		d.
	Water Balliffs.		472	4	٥			
	Salarjon,		100	0	ó			
	Travelling and Miscelleneous,		154	6	3			
	Printing and Stationery,		19	11	10			
	Postage,			10	4			
	Prosecutions,		70	9	0			
	Meiety of Penalties to Prosecut	xes, ,	20	- 8	4			
	Total,			=		843	8	9

Balanz 171 Single Saluce 55 Draft Neta, 1 Reg Net, . 1 Stake Net,	e free Red	n pseri	ious	year,			£ 171 165 10 50	00000	0000	66	8	
Total Lic	ezce	Duty,					_	_	_	£376	0	١
Fines received Bakes on Poor	Lav	Value	tiep		:	:	-	-		16 23	15	
Subscriptions, Sales of forfel Balance due t	ted E	oglass		:	:	:	- 2	=		13	15	ı
	o zas	-						-		165	- 2	

#### The Expenditure was as follows :-

Balance due 1	Bank	in 189	12.			166	19	8		
Water Belliff	h .		1			178	1	0		
Salaries, .	٠.					70	0	- 5		
Travelling an	d Mis	oellaze	com,			63	- 1	3		
Meinty of Per	nalities	to P	oseou	toes,		41	12	2		
Printing and	Static	estry,				- 7	1	9		
Postage, .							14			
Prosecutions,						2	13	0		
						_	_	-		
		Tot	al,				-		632	-
		Bal	ance,				_		16	3

						4		4	£
Be	lease	free:	poersi	та у	ouz,		_		75
85 Salmen Roda,			٠.			83	0	0	
26 Draft Note, .						76	0	0	
Total for Lie	ence )	Duty,					=	-6	140
Fines received,							_		32
Sale of forfeited							Ξ		0
Rates on Poor I	av V	almati	ap.		- 1		-		16

# The Exp

he	iditure was as follows						d	£	٠	A.
	Water Balliffs,				113		۰			
	Salaries,					18	0			
	Travelling and Miscelle	30005			- 8	17	1			
	Printing.				1	- 5	0			
	Prosecutions,				20	19	6			
	Molety of Punaltim to I	Prosecut	oes,		6	9	- 4			
	Commission on sale of	Liorences			6	0	0			
					_	-	_	176		11
		Fotal,				_				-11
	1	Balance,				-		106	6	

						£		d	£		
Ba	lance !	from E	terris	MA YO	MT.		-		€5	0	
9 Salmon Roda,					-	9	0	0			
21 Draft Netz,						63	0	0			
Total I	Licens	e Duti	80,			_	=	_	72	0	
										-	•

Т

# The Expenditure was as follows:—

Water Balliffs,					
Salaries,					
Commission on	Sale of	Lices	3005,		
Maisty of Pens	dties to	Pros	eeratoe	2, .	
Pelating and S	totioner	T			
Promoutions					

- 1			
	0 13	3	
	8 3	3	
	5 8	6	
	3 12		

	£137
BANUAT DISTRICT.	

					raioz		
						£ e.	ď.
Balan	ce fr	om pe	wyżos	a year		_	
3 Salmon Rods,				٠.		5 0	0
9 Druft Nets, .						27 0	0
1 Transmel Net,						1 10	0
Total Li	ceas	e Dai	ios,			_	_
Fines received,						_	
Interest, .						_	
Total,						_	

-	Attac noo as tollows.			4		å	
	Water Builds,			28	0	0	
	Balarios,			9	0	0	
	Travelling and Miscellan	eces,			5	0	
	Constitution on Linences,			1	11	- 6	
	Prosecutions,			4	13	0	





	STATES OF TOOL TEAL ARTER	10275,		-	,	10	
	Total,			_	£145	6	
Ьo	Expenditure was as follows:						
	Water Bailiffs			62 8 1	1 "	•	

Water Bailiffe.						62	8	11	-	
Selectes.						19	- 6	0		
Travelling and I	Green	laneo	as.	- 1		10	10	7		
Printing and St.	stice	TT.	-			1	3	7		
Pestare.		*:		- 1		0	13	7		
Prosecutions.					- 1	3	12	11		

2145 6 8
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	KILLARSET DISTRICT.		Arrest No.
		Led Led	Abstracts
	Balance from provious year, 161 Salmon Rod Licences,	- 523 5 3 151 0 0	Assessata
		5 0 0	
	104 Draft Not	312 0 0	
	2 Boxes	20 0 0	
	Total Licences.	499 0 0	
		- 30 14 5	
	Rates on Poor Law Valuation of Several Fisheries,	- 7 2 0 - 18 4 0	
	Amount reserved for choques setstanding suspeid,	- 18 6 0	
	Total,	- £1,066 5 8	
The	Expenditure was as follows:		
	•	sec sec	
	Amount paid to Weter Builds,		
	Complimentary Rod Licenors to Balliffs, . Expenses of Prosecutions, &c.,	18 0 0 6 6 8 9	
	Printing, Stationery, and Postage,	13 15 3	
		25 8 0	
	Travelling and Miscellaneous, including £50 paid		
	to Mr. S. M. Hussey for over charge on per centage on Mr. Herbert's fishery at Munkross		
	for several years past,	49 8 6	
	Salaries,	104 0 0	
	Sundry Debton (S. M. Humey, Eng., for 3 Net Licences, £9; J. R. Butler, Eng., for error in		
	his account, £10),	19 0 0	
		- 827 7 4	
	Total.	- 438 18 4	
		£1,065 5 8	
		21,000	
	LIMERICE DISTRICT.		
	LIMBRICK DISTRICT.		
	Balance from provious year,		
	\$41 Salmon rods	341 0 0	
	19 Cross lines	23 15 0	
	27 Susp note, 84 Don't note,	40 10 0	
	84 Draft nets, 93 Drift nets,	252 0 0 279 0 0	
	13 Pole nets.		
	42 State weirs,	1,950 0 0 120 0 0	
	12 Becom or cribs,	233 0 0	
	Total Licence Duty,	- 2,575 5 0	
	Bale of peals found in seized net,	- 0 1 1	
	Fine received,	127 2 4	
	Rates on Poor Law valuation,	88 8 0	
	Interest on bank account,		
	Total,	- 24,700 S 9 <del>1</del>	
The	Expenditure was as follows:		
-		E a d & a d	
	Water Balliffs,	1.761 2 5	
		861 5 0 375 9 14	
		375 9 14 147 18 10	
	Expenses of Prosecutions, Moiety of Penalties to Prosecutors,	88 6 5	
	Printing, Stationery, and Postage,	57 18 6	
	Printing, Stationery, and Postage, Commission on Sale of Licences,	135 9 0	
		3,895 11 34	
	Total,	1,807 17 6	

£4,703 8 94

T



APPENDIX TO THE RE	PORT OF	THE	
GARWAT DEPTHS  33 Salmen Red Montes, 11 Crew Link, 12 Crew Link, 15 Bests or Chiba, 15 Bests or Chiba, 20 Coglilla, Total for Lieuzes, Annual of Figure received.	ST. E A d. SS 0 0 0 23 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 of 100 of 2 of 2 of 2	9 0
Estes on Poor Law Valuation,	=	12 0	0
Total,	-	£483 9	4
The Expenditure was as follows:—	4 4 4		à.
Amount paid to Water Bullifs, Salarico, Motely of Penaldien to Prosecutors, Miscollancem Expenses, Prosecutions, Postage,	143 5 0 54 15 6 1 16 8 5 0 0 95 10 0 0 15 8		
Total, Balance,	_	£301 :	
Danier,		6482	_
CONNEMARA DESTR	nor.	£463 1	
Balance from last year,	113 0 0	69 11	9 2
Total for Licence Duties, Bates on Poor Law Valuations, .	Ξ	113 G	
Total,	-	£212 11	3
The Expenditure was as follows:—  Amount paid to Weber Baliffs, Balaries, Travelling and Miscollaneous, Priviling, Stationary, and Postage, Preconitions, Commission on Sale of Licensee,	£ s. d. 100 5 9 30 0 0 7 10 0 2 7 0 10 3 0 5 13 0		. d
Tetal, Balance,	=	155 15 56 15	1
		£212 11	
BALLTNAKUL DISTI	RICK.		
Halance from powrious year, 46 Salmon Rod Liemone, 27 Deaft Net	£ s. d. 45 0 0 81 0 0	168 11	ď
Total for Lisences, Fines Received, Rates on Foor Law Valuation,	Ξ	195 0 0 18 3 10	
Total,	-	£295 19	8
the Expenditure was as follows:—  Water Ballfs, Shazies, Thavelling and Miscellaneous, Expanses of Prosecution, Princing, Statemery, and Yostage,	£ 2 d 191 0 0 22 0 0 1 6 0 0 6 8 1 9 4		L
Total, Balance,	= ;	146 3 152 17 298 19	8 8

			Вахорот	D						
			DENGO	¢ Dist	RICE.	6 6	æ	ε		4
		Balanco	from pe	cricus y	ear,	_	- :	328	3	ii
29	Salmon Red Deaft Net	do.				29 0	0			
16	Bag Not	do.,				140 0	ö			
		Potni for L Poor Law	loences,			-		259	0	0
	Fines, .	Lost Twa	Valontic	a,		-		7	10	9
						_	_		**	_
			Total,			-	2	495	7	3
The Expendi	ture was as	follows:	_							
	Water Balliff					A 10	d.	Ł		ď.
						234 10 48 5	6			
	Travelling an	d Mitoellar	00005			3 0	ŏ			
				7.		1 0	o			
	Expenses of 1	rosecution.				2 5	6			
		Total.					٠,	950	1	٥
		Balcues.		:	:			205	ê	š
							-	-	-	÷
							£,	495	7	\$
			Вадаля	A Dist	RICT		d.			
		Belseco	60m m	wines we				L UST	÷	å
	74 Salmen R	ed Liornoe	5			74 0	9		-	-
	30 Deaft Nat					20 0 78 0	٥			
	25 Drift Net					78 0 50 0	0			
	5 Bag Net 7 Bex					70 0	0			
	23 Gape for t	aking Esla	Licence	n,		23 0	ŏ			
								315	٥	۰
	Pines for	Total for I. received,	eceaces'			_		27		
	Rates on	Poor Law	Valentic	a.		_		90	0	ő
							-	-	-	-
		Total,				-	£	940	7	10
The Expendi	tare was as	follows:	-					£		d.
	Water Ba	me.				416 0		£	e.	4,
	Salaries.		:			10 0				
	Travelling	and Miso	Ilaneou	5 -		6 0	6			
	Printing,	Ac., . Penalties	-			2 11 1 0 15	0			
	Mosety of	of Prosees	to Prass	cuters,		25 6	3			
			and the same							
		Total, Balanco.				_		570 589	13	1 2
		Decision,				_				
							2	960	7	10
			Stago	Dist	ECT.					
						£ s	4.	£		7
	24 Salmon Bo	Balance fro	ce prem	ous year	٠.	24 0	0	204	17	*
	19 Draft Net			- :	- 1	57 O	0			
	2 Bag Not	da.,					0			
	8 Gups or B	yea co.,				8 0	0			
		Tel	al Lione	one,		-		139	0	0
	Fion, .					NAME OF			16	6
	Hates on Val- Subscriptions,	astion of F	iaberira,			-		123	0	č
	outeenpassa,									
		Total	ial,			-	1	571	13	2
The Expendi	ture was as	follows:	_							
	,					£ 1.		£		4
	Water Belliff					270 5	0			
	Salaries, Moleky of Peo	alates de D			- 1	24 15 1 16	ô			
	Printing, Post	are, and S	tationer		- :	0 16	0			
	Expenses of I	rosecutions	h .	":	- 6	9 0	ō			
	-	Tel					-	306	10	
			lazion,	:	- :	_		260	3	i
							1	2571	18	-

	96	APP	ENDIX	то т	E E	EPC	RT O	FT	HE		
Ke. 17.			Bar	LYSHAS	SIOSI :	Disti		d	£		_
betracte of counts.		106 Salmon Re 7 Cross Lizes 50 Death Net 4 Deith Net 3 Pole Net 1 Stakes Net 5 Excess, Cri 37 Gaps, Eyes	ba		vious y	ear,	105 0 14 0 150 0 12 0 6 0 30 0 37 0	0000000	522	8	3
		Finez recei Interest co Subscriptio Rates on V	Bunk Ar	dance.	elos,	-	=		207 1	17 3 9 0	1006
			tal, .		٠	,	_	£1	,192	18	7
	Тав Ехре	nditure was as Water Bai Balaries, Travelling Printing, I Prosecutio	and Miso Postage, as	dlaneous	zary,	:	579 15 60 0 7 10 7 16 1 17	40037	£		d.
			Total, Balance,	;	:	:	=	£1	656 535 192	19	5 7
			Let	TERRE	sy I	heres					i
		Balton Ro 21 Death Not 27 Deith Not 37 Deith Not 3 Bag Net 3 Basen, Col 7 Gags or E 24 Loop Net	 	previou 4,	yens,		50 0 30 0 30 0	0000000	88	19	10
		Fines recei Sale of feri Rate on Pr Interest on	feited Eng ear Law V	ines,		-	Ξ		1	10 10 10 0 13	00000
	The Franci	nditure was as		lotal, .			-	,	169	6	7
	no cap	Water Bai Balaries, Travelling Printing, 8 Expenses of Molety of	and Mise Stationery, of Present	dlaneous and Pos	rrec.	:	£ 216 54 79 9 143 5	3 1		1	٠
				Total, Balance	. :	:		Ξ	-	46	17
									Ē	100	6
		116 Sakmon Rod 82 Draft Net 71 Drift Net 3 Pole Net 4 Bag Net 3 Stake Net	tioenera,	:	ese,	District :		0 1		£ 170	î
		-	Total for	Licences	, .					561	0

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£1,482 9 2



# The Expenditure was as follows :--

Weter Belliffs,			1.164	0	6	
Salaries,			105	0	- 0	
Travelling and Mis	edianos,		0	10		
Expenses of Proces	utions,		40	17	10	
	Total,			~	_	1,310
	Balanca,			-		173
						-

# COLUMNIE DISTRICT.

Del.	ages fro	on yeev	STLEY	rear.		_		170	2	10
117 Salmon Red Li	cences,	. *			117	0	0			
131 Death Net					393	0	0			
10 Driß Net					20	0	0			
88 Transmel Nets.					88	0	0			
1 Bag Not.				- 1	10	0	0			
5 Boxes or Cribs.					50	0	0			
54 Coghille,					162	0	0			
					_	_	_			
	License	ca,				-		850	0	0
Fines received.						_		25	10	- 5
Rent of Bons F	forane.					_		2	0	0
Bates on Poor	LAY V	duation				_		181	0	0
Subscriptions,			٠.	- 1		-		3	3	0
Balance due Be	ak.					_		31	3	4

# The Expenditure was as follows :-

			£	s.	d.	2	ě.	d-	
Water Buildfa.			741		1				
Salaries,			293	- 8	4				
Travelling and Miscellaneous,			47		24				
Printing and Postage, &c.,				7	44				
Commission on sale of Licence	66,		53	17	9				
Interest paid to Bank.			1	- 7	3				
Expenses of Processions.			156	2	8				
New Boot, Repairs of Boat, us	e e£8	Seeco.							
Launch, &c.,			40	5	11				
Total, .			-	_	- 1	,332	19	7	
					£1	532	19	7	

## BALLYCASTLE DISTRICT.

						£		d.	£	t.	d
	Balance fi	ma	contia	7 LE	ner.		_		10	0	0
7 Salmon Rod	Licences.			.,		37	0	0			
6 Draft Not	н					43	0	0			
5 Drift Not						15	0	0			
4 Bur Net						140	0	0			
1 Coghill						0	10	0			
Total	Liouxoes,							_	224	10	0
Fines receiv	nd					_				13	
Rates on Po	or Law V	des	tion.			-			30		0

APPENDER No. 18.

Place affected by		Place affected by			
By Law, and Dale threet	Hann of Sp.Low	Ep Law, and Dury thereof	Satured Sp.Law.		
	SALMON AND TROUT. Bublin Bistrict.		Wexford District-mained		
Niver Liftey, (18th Jan., 1868.)	Podhliding the sundring, so assumpting to catch, becomes wife may Nes et grounds barget than 500 yards, as their pass of the Royar Lifley which as estudied between the Wart haven as the Island Royar Well was a land shown for North Fram Positing Lightheses.	Petter Brest, (SEA Oak, HIN)	Premisting use of Neur for the options of Fish with Musicani of so his from host to histo (to be necessarily of the side of the option, of four in other to be necessarily design the side of the option, of four in other to be interested all remain death and Hoth, such wassersome to being tokan in the above, when the Net in way, in the tails portion of the Perior River, situated below Entitle Errigin to the Occupy of Withhew.		
Saland and West- lew Head. (13th Oct., 1876.)	Permitting um of Nate with Hashum of our lash freek kant to knot for captum of Haloren or Treak between Bulkey Island and Worklow Heat.	Ownersmaph Street (14th Feb., 1873.)			
Based Meadow We- ter and Swerds Enue. (20th Aug., 1804.)	Problibiting in hard in passanties for the purpose of tables fire, or work orders to table 50%, at the fire of table 50%, at the fire of table 50%, at the fire of table 50% o	Inch River, (83m Con., 1879.)	Perceiting an ed Non with Markon of one and a quarted order from hant to heat for explore al makens or trees.  Waterfield Binastes.		
Whole District, (19th Aug., 1913).	Probabiling to heat the water, ar to throw stones or other mindress therein, for the purpose of driving First above in to the Banks of any Error within the Eastern.	Benderugh Bu- romes, Co. Ed- heart, (8th Sane, 1868.)	Perceiting the tots of Note for the empire of First with Mindoo of use inth from part in item (to be momented plang the side of the opens, or long further to be momented all cross ducts with Much, such measurements bless, takes in the sheet, when the Note in usel, until the Wisson is, And Sitters continue.		
River Sinapp. (Bith March, 1834.)	Weatfurd Biotrics.  Probliding dering the Close Senses for Salmon, the tast of Marie of any hind whatsaver, between Persystems Zivilge and the Town of Enulasersky.		ions (or be reasoned along the side of the supersystem, et nor reison to in measured along one such such such first and such such first, such measurements for these to find sides, when the Next in was, the such as the such		
Alver Sharry, (12th Aug., 1801.)	Publishing the praction of Recology Natu on bearf Brean between Symmetral Dwarfas, dar- ing the Assaul Close Deaner for Calasses and Treat, on that part of the Nove Diseasy persisted between Persystering Religious and the Tevro of East located.	Cherock Siver. (The July 1878.)	Promiting one of News with Meabus of one Lab- from News to knot (so be governed ulaser the orde of the agency, or four inches to be measured all roand such disch, and, encounterments being taken in the chair when the Net to week.		
Street Staney (19th Oct., 1992.)	Repealing By-her dealed it idents, 1907, which perhilities the was of with wife matter of ten sensitive to the war of with wife matter of ten sensitive to be the sensitive ten sensitive to be the sensitive to the sensitive ten sensitive to be the sensitive to the sensitive to the sensitive to the sensitive to the sensitive ten sensitive ten sensitive ten sensitive ten sensitive to the sensitive ten sensit	Winer Sulv. (17th Aug., 1878)	Probbbidge on of all linguists (note single Hade and Lines) for expense of Fish Institute the Hedges of their bland and a lose down do much arrive the Fires, and intersecting and Industrial Channel.		
	mounted all cound such each each, such some commissions to help taken in the other when the Net for well, for the majors of Sigman or Trent in the Takel Wester of the Sirver Staney, in the County of Westers.	Bleer Sair, Yen, and Samon, engage of (18th July, 1884.)	Reporting Dy-Low desired 18th July, 18t1, and, as her three-t, probleming as one for contract. The shows of Figure 18th July and 19th July and 18th July and Klancken Vertical, Concept Blacken, and Market A. Concept Blacken, and My a fine forward to Consequent of Market, and My a fine forward to Consequent of Kalkensy, to a point on the appearing the last the support of Kalkensy, to a point on the appearing these to the contract of Market My and the support of Market My and the s		
Eirer Haary and Tributaries, from Examples of Bridge to Season (15th Day, 1860.)	Publishing is best the water or throw stones as spine mixing in this pretium of the River Stoney and the tellemants, extending from England Bridge to the morrow of the Estimate of the River Stoney and the Estimate of the Stoney and the stoney panel of stoney fits above to to the banks of the sold Event and mid tellemants.	Whole District, (Dish Pols., 1815.)			
Dany Water and Live Darry, (NG Oct., 1278.)			need with still bear.  Stad, The said transferential he painted in white off orders as a black greated.  Zel The number as paced on beats thall not he affect, created, or esteembel in any minute whatsoever.		
	Medi, with measurements being table is the class when they also a work, it are noted and creamen following, their and work and an even and creamen following. The class was a fall control of the class	What District, (No. Pri., 1885.)	Prohibiting to beel the water or to those stems or other estables through for the purpose of diving Fish sines in to the hanks of my Bouns within the Waterfood District.		
	Tanabaly by Shilladgh is the bounds of the County Woodest, with the small streams flowing into the pritter of the sold giver, all said given and streams being in the Complex	Tidd Waters, (1988.)	Perhibiding to here any Not for the capture of Salmen of Free, in to on hund any Best, Onl Cheyogh, or other Teard in the Third Water of the Waterfield District, stany time between the beam of Eight of the Cloth, a.w. on Security day, and Free of the Cloth on Montaly menting		

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#### 100 APPENDEN No. 18-continued

Americae of Br-Laws, Origins, &c., in force at date of this Report, relating to the Salison Figuralis of Irrland.

Flace affected by Sty Law, and Date descrip	Nature of Ry-Law.	Place affected by By-Low, and Data thereof.	Paints of Ry-Law,
Gyper et Fresh Wales. (1906 Felts, 1865.) Efrest Discour, Stor- pes, and detec- (10th Jee., 1895.)	Ma. Inserved Stratfes and Genes, as only (Sperior Planck Marier posterior of any Rivert or a reason Mell Direct or White, which as the reason Mell Direct or White, which as Marier College, and a college for the regions of Balance and College or the regions of Balance and College or the College Balance and College or the College (Sperior Planck) and College or the Balance and College or the College (Sperior Planck) and College or the the Rivert Strates or to Tylesperio, the Balance and College or the College or the the Rivert Strates or to Tylesperio, the Sperior of the Strates of College or the Balance of the Strates of the College of the College Balance of the Strates of the College of the College of the Balance of the Strates of the College of the College of the Balance of the Strates of the College of the	Rose Serve and Free Cent of The Cent of The Cent of the January Cent of the Cent of the Cent of the Cent of the Cent of the Trial waters, (104 New, 1802).	Waterine British and Terminal and State of the Control of the Cont
	Anner, is the County of Tippestry.		
Tidal Wanes) (Sta Nov., 1881.)	Probleting the use of any Audi or seriou and Au- thonogeness of Bostons or Trusts in their poets of the Told Waters of the Horry Bury, circulated above on imaginary line farms a dept sughts arrangement from form the month of the arrange freeting the benefitness of the Computer of Ellinsing most Capture to the appoint bank.	Briwson Hairiah Hend and Bally- nessen, Henc Hashwater, fin. (6th Nov., 1974.)	Réseaure Déstrère.  Especific Pr-her et 2nd Manusher, 1830, requisiting field first Planey, and in he showed providing as fallowing in- threed providing as fallowing in- Print.—No Drift Nata of greature length time 200 prefet stell in smol for the septemb of
(Min Ners, 1891.)	Probability the use of our of rocks meaters of fromes or Term to that yet it this Think Homes at the Boar field aimsted between a few deven means and of our as the Beat of Upsymmetal of the Faves or Wisho of the Control of Westerford, and a Beat Given, are to said door about the bandon's yeels above the Tell of our with Control of own through our sidel Faves or the Control of own through our sidel Faves or the Control of own through our sidel Faves or the Control of own through our sidel Faves or Wester or the Control of sidel Faves or the Control of the Control of the Control of the Probability of the way of one for the control of the probability of the way of one for the control of the control of the Control of the control of the control of the control of the Control of the Control of the Control of the control of the Control of the		When so of Treat Is the Livers or Estandard to respect to the straige rate for an indicated Richard Machania Hadilysister, or is the one interests Richard Machania Hadilysister, or is the one interest and the straight and in the straight and in a straight affect in straight and in the straight affect in straight and in the straight and in the straight and an analysis of the result of the straight and in the straight and of the straight and straigh
Annual factors explaint factors gloss One, 1890.)	tion of Delices or Treat of general models that Markon artistic grows are the Markon artistic grows of the day one state, and the state of the State	Statement Helvich House and Bally- maine, Rever Blackwater, do. (Mar Aug., 1881.)	Facilities to have our Not for the couples of Makeson or Pervision, I for on house our Book Care, Carracke, or when Yamed In the Table Care, Carracke, or when Yamed In the Table which of his State is, with company at the Barton Frank, in the Liverage of Piraterine, I am Barton Frank, in the Liverage of Piraterine, I am Barton Frank, in the Liverage of Early William Barton, and the velocity of the Table posting of the second Divers and their Piraterine, and any time inverse the house of Eight of the Carlon, as in the house of Eight of the
Fresh Weigen of the unifie Directs. (Ind Nav., 1891.)	antifact to singling with end and line, to re- me Dord any flow, Ort. Georgie, or other Tenni In the Dyson or Front Water years and of any Roses in and Lawren, hartween the hearts of eight of the clock in the emerge and for of the clock in the following mercans, and hartween the bours of these at the clock on Parkey restring, and allow the clock on Munday meeting following	River Riash water, (14th March, 1878.)	Probliming to use for the experse of Salama or Yout, any Delfy Net is the Hall partner of the Rows Resources, or the Total partner of the Rows Resources, or the Total partner of the Rows Resources, or the Total partner and Store from the Youghand Boundary thereway the Town hinds of Rowsmarty and Newton Salama to Townhards of Rowsmarty and Newton Salama the Yout, is the Youthand Boundary between the Townhards of Carlinghand Billymarthe and the Ross, all in the Conkey of Westerbell.
(20th Oct., \$100)	Typhbling to use may Not for the capture of fighteen or Twen on that part of the Lind. Waters of the Eleva Dataset alleads between the Berlins Work heaves as the Heilba's Water, and no longitude place June 2000 to River as the MCD harmon and 200 to 1000, about one main balow the Beautice West, In the Constitute of Cusice and Elizance,	Winte District, (10th Dec., 1985.)	het. Each and very best need in Salams or Twest Things is the Lineaus Execute that have marked us such have yest decision figure or and test them the wheen is laught and me- lock in breacht, a marker accreticating wife- ter maybe on the Lineaus meed by the Dat- lat The sold numbers shall be pointed in white off enters or klack groups.
Biver Batter and Sers (part of Trial waters). (Stri Oak., 1881)	Fredelicing to em ony Duck or force Hot, for the repring of Salman at Theat is the Thick Walms of the Firem Station, and Sanove and Hose conjuded, situated between a Bin deave acress the Firem 18 C. McMa's Mell and no imaginary lims drawn, across and River at slight angles from the Marshaw beindary of the Thomston of Carticle Marshaw beindary of the Thomston of Carticle Marsy in the Density	Whole Disseles, (Bit Jamesey, 1995.)	Bot. The mashers is placed or beam that on the affined, cryenod, or concealed in any manner whatmores.  Problidge the measuries between Sentres and

#### ABSTRACT of By-Laws, ORDERS, &c., in force at date of this Report, relating to the SALMON FIRMERING OF INSTANCE.

My Lew, and Bose thornes.	Hillars of Sp. Law.	Place affered by Syline, and Dain thereof.	Falson of By Lay.
	Educare District-maintail.		Crek District-continued.
ion Blackwater, th James, 1980; jour (Stockwater, and Tributure, 10th Jun, 1996.)	on Cleminians, or said River Bheltwater, in the Centry of Ceak, or from any place within a space of thirty yards below and MEE dam.	Birer Lan & Birers recepting who Unite Harbert, (Eith Jan., 1883.)	Probbling herong any Deth Nat or any Na- turing Mether of greater discussions than two well-neithed factor from James to basis, as the factor in the measured of result such and factor in the property of the Paul Prob- lection or the Nexth of a Houstown in the discrete of Tempholosis Christ, from the Holtenson of Harlow Pilet no the East, to the Marshade on the West.
	_	Birth Lan.	
idal Waters, Sian May, 2012.)	Cerk Districts.  Problems to rething or attempting to such Solves or Jenet to my Talla Wales on the Solves of the	Siner Lan. (Shin Supi., 1877.)	Problishing he sing. You for captures of fluctuous or Technical or Plants of Band, Acer Counting his shade part and House or Security his shade part and House security of a plant of counting the County of County of County of the County of t
National (National Parts of State of St	Problishing the analogue or attempting to easied Science or Trees is any Tabel or Freed Water in the Gode Disperset with any level of Fish book, severed or part or to whale with any master or tring, or recurrent.		they meeting und half-pant he'shock as Meanline meeting, we it to be Neeth Channal of mild liber between Nordegete Bridge and Viching- ten Bridge, eer in the Swith Channale because the sily at Domey Kerlip appears. Report 1165, Josefing to Crosse's Green and St. Fin Boods Once, and the Bridge where the Wastern
idal Waters, 16: Jaconry, 1083			Read remote South Channel, between 6 stolach on Saussiay morning and En dusty on Monday morning.
	of any Herrysand their Kildstrins fewling into the New Wester State on the Cork. Destro- ding the State of the State Destro- dinary's Hays, Real of types (Barra, on the Wast, all in the massly of Urds, shell have markates such low with destinat Spress of any last the sex lacks to largely, and can lead in the State of their corresponding with right in Section, a market corresponding with	Applean Errer, (Fink Feb., 1990.)	Problibiting the same of Noticed may blind whysen- wers in the titled just of the office haven in the Angiliest Alver, in the Dentey of Code, in the cold increase this question of the Convenings in a Elizad Reven with the noid Angilian Reven and the Revigs of Translation, and in the Barray of the Note Deviction of Rant Cacheny, and Canado of Oath.
	and with sold her:  Ind. The and austian that he parend is white all other or a table ground.  Bel. The numbers in placed on books shall not he offered, created or executed in any manner whomerer.	Angidasa Bress (1814 Pelo, 1877.)	Probibiting the use of Delli Note for Salman at Treat in Tele.) Waters of the Argebon First lands a line from Lond Tales in we contactly direction to the opposite share.
reer Lee, Co. of the Oby of Corks the Festivary, 1963.	Problibiting during the Cites Sames for Salanes the use of Dout Next, or any other Next are Sets used as a Dout Next, here y Salaness and leads ar weighter fixed therein, within the following invites, the —or the part of the Since Lee, distant between Poince and of the Since Lee, distant between Poince and	Staden Street, (LESS Feb., 1877.)	Probliding the use of Drib Neis for Salmos or True in Pidal Valory of the Bandes Elver- jands a bisa fees Successe Fresh in an mainty direction in Prophess Pets.
	Bres Lee, from Blattruck Carts, on the seath, in the Women automaty of the Town- land of Duckettle, on the North.	Dandon Elver. (16th Feb., 1881.)	Probliding the use of New during the annual Clean Densian for Painner and Thent In this pace of the Third Venes of the Street backers instead hereine the Bridge of Estimates and a line choice more and Elever at night segle down that Cauth, in the Teresthant of Stat- bours, on the way, to a point as the opening above, the Teresthant of Stat- bours, on the way, to a point as the opening above, the Teresthant of Stat-
23st April, 1871.5		Enodos Birer.	
ver Lon. Na March, 1875.	Watt.	(TRIL May, 1981.)	Poshthing the use of my Franc. Letter, Oher, Breshalan   Develove, as followers which has been enteressed to seed only meant- ing the major with East and East meant- ing of an epide with East and East in the gas of the Third Water at the Batter Reader situated between the Firther of Scholaness and a strength like dature moves said fifter from the Firther of Frankised on the sunt is Utilises on the West.
	the latter instrument rmy be used orbity so survitary to negling with field and Leen, or for the purpose of removing Fait from any legal Walf or Eug by the aware at ecopies showed.	Barden and Argidena Birren. 1253 Feb., 1223.)	Fashlitidg kirkigs is pressured here as Brasine and Smales, at mer mount of the year, one was the health of the Upper or Fashlitidge and the health of the Upper or Fashlitidges. Even, or see the Beats or displayed Even, as the war Mell Dente or Melle on and Kircus, and Spect. English, Steichland, or Galf (ascepts that for the purpose of heap must help as settling to regifing for Science Magally with Ired and Newly.
ver Lee & Struce renning who Cook Harbons I Sh Sub , 1877.)	Probliding the new of Dolfs Note for Schoors to Treat in any Trial Waters beside or to worth of a loss from Lighthouse at Ercke's Pouz to painted on the Waters		said (many) a text for the purpose of bring said soldy as excitery to regling for Suince legally with Roll and Lives).
180. 180. Sépt. (172.)	Trichlying to use any Net for the caption of Salesse or Frient, as any Title Union, family or Friendly of the Colors of Salesse or Saleshi Folket in Manched on the New Jacksy Finder's Factor Manched on the New Jacksy Finder of poster demonster than New Jacksy Finder of the New Jacksy Finder of the New Jacksy Finder of the New Jacksy Children to be manuscript that when the New Jacksy Children to be manuscript that when the New Jacksy Children to be manuscript that when the New Jacksy Children to the New	Banden Bress, (Im Pals, 1882)	Remarking this Toy-Low of the 19th day of July, Illid, and restriction to one says Not camput Leading Now as easilizing to engine with End- gold Links) for the regime of definess of Total in any part of the Fire Remon, in '18 Tollestand, above a Line Store Remon, in '18 Tollestand, above a Line Store Remon, in '18 Tollestand, above a Line Store Remon, the '18 Tollestand, above, on Line Line Store Remon Store, Tollestand on the Line Store Store, Store day Storesson on the Line Store of Store, and the Torontacks of Conference and Storenge, and

APPENDIX No. 18-continued

ABSTRACT of By-Lawe, ORNERS, &c., in force at date of this Report, relating to the Sannon Femerales of Ingland.

RELAND.

Freint by
Law.
In throad.

and Data dormal		an bearings.	
Beeten Dirigiou et	Our Matrice—confined.  1. Positiving to wate the water (faring a print or pull of any filter in the Upper or Fresh.	Cuclemalse Hatsary (27th Oat., 1856)	Milliamoy Bistrict. Freididing dering the Salven Clean Season
(Zho Jely, 1602)	Gair protes of the Zanden Arrand et vo. Gark Fishery Darsies, for the purpose of drying arounting, as wells the takent to drive as more fish in each offer.		Probibiting, during the Salment Class Season the use of Urat's Nate having a feet-were no local-ser way that although the therein, in the Esting of Confermalise boulds the like of India.
	2. Poshikang ne three estans or other morelles, or estansians, and ary rever to Vipper to Freik Water prefixed the Booden Diverse of the Conting Direct, for the proposed diversign to secting, or with the include in drive or some, but she made to seek the Poshikang Waters or some, but she made to seek the Poshikang or see some dellar mannes to with the Conting or see some dellar mannes to with the drive or manne the with the drive or mannes the with the drive or mannes to the drive of the driv	Whole District. Tide! Waters. (Bits Feb., 1809.)	Problem as the maintenance contempting to said Statement in very total vector in the Diffuse Datement and a Spent, Lyading Ower, South hast, Denn-draw, or USE, names who man- lated interpretational to the statement of a latter interpretational for and saids on man- lary to negling with red and late, or for the propose of seem on a finite from any negal Wat or State by the newer or occupied times.
	World States of our come to the mod Stanfor	_	
	Division.	Ourses or West-	Permitting the space hat ween the Boy or Rail
	www.	Watereitle Wels. (7th March, 1970.)	of the Justiles, and of the Hack or apparent age of the Botton or Citie of the Westpriji
	Different District.	(7th March, 1970.)	Were to he one and a quarter makes sport.
Steen Steen and Military			
(Shi sort, 1972.)	Positivities as use for the aspects of Schoen to Treat up Shill Set in that part of Schölmer- lage and the Field witnes of the Error Set is the Councy of Cork, shared inchies on the North and North East of the Province from a pain on the Towards of Consesses (on the mainless), in special on the Towards of Farrangorath (Shight) Island; and read-	Watersille Bone, . (18th Pale, 1871.)	Probleting used Note between Waterella Wat and county of Bloot on Galleck Mackets justle of School need not Problet and has rising a Schoolar morning, and between my olded Meeting morning and restrict inclusioners my mench vests during Open Seana.
	or to the North of a kips drawn from a prime on the Terreland of Kilmoon (thinkin bland) to a print on the Terreland of Bullimore (in the manipart).	Custionales Eu- trus (to H. or N.E. of a line	Probléding to have any Set for the capture of Solordo or Trouble or on board any hint, set corregit, or other variet in Continuous Ra- leave resolve or to the Mon or North any of
	MI Machine	From Brababy Print to Duck	have rouse or to the Heat or North-east of a
	Departure Box Low doted the Toronto-cisht)	Provide and total waters of Response	time draws from Residely Parts in July West and Their and Their Residely Parts and Ind. West and In the Table Westers or Estimated of the Rivers Leaves, Malies, or Cheragh, in setting harvest the hours of Ten of the club
(12th January 1972)	Resulter Eye-Law, fixed the Tweate-cights day of Volcace, One Thorsand Right (Exelect and Sensory Eur, which parameted the new of New for the capture of Salman or Toron with	Serms, Males, and	Street Laure, Mains, or Cornell, at an
	and Sweatey Loar, which parmitted the are of New for the engineer of Salman or Trees with		n.m., on Successing, and Three of the slock to
	Mechan of our and re-quester latter from knot to knot to be mounted along the ride of the	(30ú Sipi., 1605.)	History morning indowing
		Carlendes Her-	Deschor late. The end and resolves on
	sock and Math, soft meangramms being taken in the days when the Nex is well in the Rever Bes, in the Georgy of Cork.	(10h Sept., 1809)	Prevelve, bely. —That each sed oney kut me as Solome or Treat Erling in Gardania, Haghour shall have marked on each law will distinct figures of not less than at locker is ineith and one test in knoolid, a samble on
Four Day	Probibling to you are Net jury a Landing Nat.		respecting with the number on the Locate taxons for the not send with and boat.
irer Ben, 199th Juan, 1893 )	m needbay to anging with Red and Lois) in this part of the Keyer Hea situate hatween as imagency line down notes and Witer from		taxwed by the set mad with and book.  Sally, "These his read numbers shall be passed to white all others on a block ground.  Sally," That his numbers so placed on book thall not be allowed, sourced on compaint, a
	Lurrey and Coolings, due want to the op- posite bank and the BHI Weir, across the said Giver but to the north-earth of said reagentry has, not extending from the Twenhald of Mani- line), to the townhald of Gerngh		any summer takahoo over.
	hee, and extending from the Townbard of Mani-	Watersile or Can	Prohibiting to heat the water or to threw steen
	Elect to the towards of Carrigo		or other mandes thronic during the three shorting or during Near for one outside or German Bellow, the Estimated to German theory, the Estimaty through or writers held of
		ball a role of mosts of Water	shooting or dusting Near for the capture of
	Beatry Bistrict.	mooth of Water	Niver, the Hattary thought or water helf a
Hal Waters, Tik Nursk, 1970 )	country larker from hear to best for he	(Sth April (1000.)	of Kerry.
	Parentting ass of Note of a Mesh of use and a quarter lather from heat to knot (so he mentaced short give risk of the square, so fer- tection or by moneyred all mend each such	for other teams	_
	Much such measurements have taken in the		Limerick District.
	Mesh, each prenormeson being takes in the elect what the Not is well, in the table unders of the Eestey Detroit, which comprises the	Direct Shanner,	Problikiting Not Fishing In that part of the New Statutes between Walladay Bridge and the Endway Stridge, between lat June and 114
	whole of the any along the cent between Miran	Islant Point, (Std. Feb., 1886.)	Stannon between Wallasley Bridge and the
	Mead in the County Cork and Coow Head in	(Me Feb., 1606.)	Pelenary, beid feeluses.
	Review without well name, worth the whole of the		
	et the Debtsy schroot, which designable the whole of the sax along the cent between Minns Blook in the Creaty Greb and Goor Head in the same George, and stream my Inhada or Rankes theirs at Sames, who is the whole of the Thirtenan along and Creas and Ferrex, and the whole of the hall opinions of the energy fivers and their Thindaries fivering the everyal fivers and their Thindaries fivering loss said Gows.	Siner Shance, (Disk Nev., 1882.)	Probabiling Boats Horn for the capters of Pid of any Litel, of a much less that site of and three-quarter leader from hard to Restlic he measured along the side of the senset, of areas incluse to be measured all record on
mara or Coumbala, Manhark, or Don.	Probabiling amen'd Note (wee Lanting Nata, as	n n	he entermed along the side of the square, o
Meshek, or Dus- sanark, Owness, and Oscuptoy Dunes.	statistics to role and least) in fresh-mater per- tients of Reven Season or Gosphela, Notings		not make it be to be supported to be such in the clear whom the Ner is well in the the part of the Ever Shanner, of in the the garts of any of the River Sewing into the
Draw.	or Durantson, Dweste, and Carrighey.		name of the Burge Sharmen, of it the total
2 let June, 1971.)			parts of any of the Street Sewing into to liver Sinnane.
	Rezmary District.		
enmer Hrer er	FirstProbletter to one pay Not for the	Airer Shongen	Probablican des Philippe for Robert or Total In
Dec., 1858.)	Fint.—Fublishing is not say Not for the enquest of fallowine or Trees in any part of the said Kennana River or they of greater length then the Bindard and Theory Rock. Second.—Treishing to beat the value or to these these said of the said of the three states or offer makes.	(Sth Jenn, 1868.)	Publishing the Fishing for Spiness or Torot by any means whatevever, within a space of Twenty Yards from the Web Wall of To- mentherry, in the Silver Shanners.
	throw steps or offer mustbe therea during the time of charting so during. Near for the capture of Dalmes to Trees in Katemars River	Elem Shanna and	Prohibiting the Shooteng of Fish in the part of New Shanges haveness Pertamon Stolge and Shanges Strings, and also in Error Magan.
	oppore of Dalmes to Treas in Kenmary Sever of Day.	Maigns. (6th June, 3562.)	Niver Shangen hatween Pertunan Series and
	or any	Que vall, 1007.)	Commerce country, see 1200 in acres mayor

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APPENDIX No. 18—continued.

ARSTRACT of By-Laws, Ordens, &c., in force at date of this Report, relating to the Salmon Ferheritis of Irranyo.

Place affected by Epilians, and Data thereof.	Rating of Sp-Lee.	Place affored by By law, and Daje thereof.	Esien of By-Law.
Ener Shanzon (In Musik, 1979.)	Edmartick District—makened. Pokishing herica Nite or matern of States or Trans in the State of the States of State	Megus Viruz. (150s Sept. 1055)	Executed District—continued.  Severing Dy-Low datal the 17th Camber 18th, publishing Dust New Bossess Flory Delta and Erife of Alany and in Deve Delta and Erife of Alany and in Prove 18th and the State of the State of the State of the section boundary of the Threshold of District the section boundary of the Threshold of District the State of
Mar Deel, (10) Jens, 1877).	Probliding the use of all Note (record Landing Note as auxiliary to studying with red and lead for the against of flations or Treat, in that part of Nove then instant lations Broken Relige and the mouth of Novet as defined.	Cader River, (22d Feb., ) 5501	
Lough Derg. (10th Fune, 1877.)	Permitting the net of Nels net azzenting IP yands in length, with Hashes of our lech area knot to knot for the capture of Eth other than Salmon or Trust in Lough Deng.		the Gaussian or Wermouth, and Chem, thus commonly solid and income on "Time Libers," binded with the first young of the Bryolds always this modeling in this Bryolev shall, be entitled to probable the use of lines need in resulting with high State. Tarilly—The use in any of sold Lakes may be given, means, or device whatevers for the appears of first or years; of this for the parpose of heating units Dans from a stressed.
Disse, (200. June, 1877.)	Probability galo mee? Note (comps Landing Note as surfacey to angling with red and lim) for the suprase of Poils other than Usis, between 8 which is the system good 8 which is the mereing in Leogh Dog.	River Fields.	gist, heath, or derice whatever for the expense of try or years of this for the purpose of besting such Town Letter as alreaded. Probliking to best the water in the Erne Park in the Creaty Korry, or as throw steep or other Hadden thereon.
Merc Shamon. Chel June, 1977.)	Repairs (a) their disease of Rybins (and 2004) and the control of	River Blance, in- trees Atlies and Percessa. (th. July, 1991.) Hower Stammer, Midgas, and As- lance, and Gas- delaw Ray (19th Nos., 1992.)	or other dealest stems.  Architelegt in our age and of general regarding the control of the cont
New Steen, 1868.) Longh Ree, River Shance. (7th August, 1858.)			a then decess necess the allowed Shanston, Spin- Austrial (1984), the Comptor of Lindschild Austrial (1984), the Comptor of Lindschild upon William (1984) and the water made of a many Spiner (1984), which is an and to Cle- dericker Day alsows it is a first from Common Lindschades, in the Common of Common Lindschades, in the Common of Common Lindschades, in the Common of Common Service (1994) and the Common of Common of Common of Common of Common of Common of Common of Common of Common of Common of Common of Common of Common of Common Common of Common
Elver Pospes, (200k June, 1805.)	Problishing the Fielding for Salmon or Treet by any means whateserier, within a spore of Twenty Yards from the Welz Wall of Earls, on the Kiver Perges.	Only syllicer, Longi	Galway Stattick.
Sinc Pergus, (Min Der., 1878.)	Probliding the cas of Delt. Note in the Tital years of Sirer Porgue, County Clare.	(State Fely, 1888.)	called Strobated or Feetch, armay ofter on Instrument, in Sincy Onlows, Longto Corri or Mask, erthalr Tribundes.
Maiger News (for March, 1971.)	Probliding use of all Nove, except Landing-Nove on machiny to red and then in Silver Margue, above Railway-bridge below Adam.	Whate Director, (Sed March, 1988.)	Problems the matching challengths in season Solince in any Trial or Fresh Walson in the Chalvey District with any kind of Pub-beak accound in part or in whole with any matter of thing, or necessary.
River Malesire, (20th June, 1908.)	Probliding to dail for Salmon or Treet by any means windowns, which a space of Felly Yark below the Mill Walr at Ballysbergh, on the Birty Malades.	Chen and Chen-Gal- way or Turingle- more Edwar, Co Galway, (Zinei Den., 1862.)	Publishing the one of Noved any kind whate- erest in any seriod the Noven haven and Class and the Grow-Gloven or Terrington Front, in the Compy of Balway, there the handles of the seri Rosers with Long's Gord's is the Country of Onlowy.



### APPENDEX No. 18-continued.

#### ABSTRACT of BY-LAWS, ORDERS, &c., in force at date of this Report, relating to the SLIMON FISHERIES of IRELAND.

Pince affected by Spiler, and Date thereof.	Natural Sp.Lon.	Place affected by Ep. Low, and Date thereof.	Same of Spiles
Kinipa Sire,	Columny District—continued.  Plant.—Two Natus and to be in the wader at desire time within Ports Yards of each other, whether	Sign Zires, (in North, 1870.)	Probliding the accepting or stronging a much, below, in Bilge Elser, with my life of Fish-hath someond in peer or in white,
Their parties, (Elen Jen., 1986.)	an same or opposite older. Sanced —Until the Nat Ern shot has been bunked, a second or other Net set to be shot to other value of Story without Porty Yants of		
	such first Nat.  Third — A. Nat not to perman in the unter more than one herr, that is, that the handley shall set be affored to corryy more than one hear, but harding is out to be negroused by delayed	Longh Doon. (Neds March, 1971.)	Permissing use of New with mushes of half a lack from knot to knot, for expines of Fig.
	to district the control of a person washing to you specified by the statement of the statem		Ballyshannen District.
	PounkAll Nata to he shot against the surrous of the tide.	Dyper ur Presh Water portions of District. (20th Oct., 1556)	Probliding to how in possession between our flux and seasof for purpose of taking fair o with insent to take field, at any money of it year, or or near the basis of lates and opp-
	Connectors District.		mill-damper wares in the Rallwaharman Distri-
Whole District, (3rd March, 1885.)	Prohibiting the matching or obsempling to statch Ralesca in any Table or Presi: Wester in the Gallery likester with any hind of Fish-herk, counsed in part at in whole with any malter or daing an assessment.		any spoor, tymer, unrelablemi, or golf (encest golf to he and so key assessment to naging S solutes impairy with red and line).
	_	Free Eige, . (13th Pale , 1871.)	Percenting use of Note with meeting of one in- from heat to heat in tideway of Kerne Erne.
	Eneger District.		
Owenings River, Clr. Mayo. (3th May. 1861.)	Probliding the reserved of gravel or send from any part of the had of the Oresensor First in the Creaty of Mays, where the spewking of Salmes or Troot may take plane.	Essa Bines, (lin Jenn, 1872,)	Problibing the expires of Fish of my descript, with the intrinsent commonly milet in heaven by the name of the Spoothus, or an other instrument of the like enters or Land tarring the seconds of America, Falsaure, an March in anti-year, in this part of the Em- leren simulated between the Falls of Indian
Oversial or Bally- ene, Oversiege ore Mankin Ri- con, (788 Pds., 1886.)	Permitting the new of Nets with Meelles of our and n-half seeline fiven Reen in knot (be in movemed slang that all of the agains, or in incluse to be meanmed all reand each until Nest, such recognized to being taken in the field, when the field to veri, with an much of the and Reem Owended or Schlessor,		from the point of Gustleveldwell densers, the Europe point of the Edudelshi, or Wis Island, to the opposite Bunk, all is the One of Fernanagh.
	of the soil Rome Owenief or Balgeory, Owenever self Bretter, as like above the week or delect, during as much of the Menths of Jens, John, and Angust, as Go over or a very those may been part of the Open Season for the appares of delector or Troot, with Yeles, to the mid Streen.	Gewer Lengh Erna, (18th Juna, 1874.)	Furniting use of note with master of each face hear to home for capture of fish by po- nors having right to use note in sid-long between Eucliddies and Belleck, betwe- lm May and first day of close scarce in so- yest.
	Ballina District.	Eary Water, or Long Silver, (23th June, 1872.)	Permitting use of Note for the septire of Pr with Meshes of one last from back to knot to be measured along the side of the square,
Whale Dierro, (Elei May, 1870.)	Ballines Desired.  Permitting use of Nets with Medien of one and a quarter laster from hood to host (to be secured a long the able of the square, or free limits to be a measured about the species, or free limits to be a measured all record made not be amounted all record made only Note, with measurements being labor in the clear, what the Note we		four nector to be presented all record such to Meth, such managements being taken in I char when the Nat is weel, within a mark the Erner Easy Water, or Invest, in the Guar of Dougal, as then shows the mouth of as more as defined.
		r s	
May Siver and To-	Probibiting augling for Theat us Alrest May and		Letterkenzy District.
(lin Fo, 1871.)	refleteres during April and May in such	Cora or Bossman	Warm State or they would work then they controlled
Erfels flog, (Dis Jana, 1993).	First.—Fusibliding to each or enterpy in each Salmes or Treat in Killah Bay by reman of Erch Near hashle on in the mostly-work of a time drawn from the Barn Pers in Employment in the Country of Stilge to Kom Ferst in the Country of Near	(Bit Nex., 1877.)	Saluce or Treat with Haban of one in from knot to knot in the Green or Beauti Rose, and within one mile serviced and our wants thoused.
	Here fewer, State the Deal Part at Employment		
	le the Course of fittige to Kone Petits in the Descript of King. Second.—No Diff. Meta of greater burgh than 400 yanth shall be easily for the suptime of Saltims or Treat in any part of the Ray of Kildan mitherior to the architect of said line. Kildan mitherior to the architect of said line. Saltims with the same been while thinking is said the large of the Ray of Kildan or in the same been while thinking is said Eng.	Cinia or Seconds Since. (20th Nav., (281.)	Prohibiting to have in personles inter- reacies and purset for the perpose of take field, or with the intent to take field at we seems of the year on the heady of the Discon- lings and he repletation, which the said of
	Kildia statistics to the neithward of said line. Thirt.—Ex rue or more Drib Note shall be advanted together in any way to the line of Kildia or or the same best while fishing is		season of the year or the hundre of the Distor- Bives and I be tributaries, whilst the said of track, any Bissan. Lyster, Secondami, or G (except a Gulf for the purpose of heady to relate on suchfary to sangling for Salama logs with god and line).
	Armin or or he more been with fishing is not Eay. Furnit.—Whenever a Dirth Nat shall he used for the capture of Salmon or Treet in the Boy of Willah is shall be uttached to a beat		
	and the followers segreged in Enling with said		Londondorry District.
	and the information specified in fairing with said Delft Not shall seeme on brand said has willing and Delft Not shall he in the water- provided always that nothing hards contained shall be consumed to runder liable to any	Brest Ferries, 1871.)	Percentage the use of Nata with methor of a teach frace inner to Fact in Lough Feple a tidal parts of Screen
	penalty may presen who shall be previoused by storm or storm of weather from numericing on least such boat white such Drift Net shall be in the water.	Bureausey Lakes and Streams, Olbei Ageli, 1871.)	Prevailable of the case of Note for the explore of the class than Salamon and Trees, with meaber half as lead from knot to knot.

# Nature of Ro Law

ARCTRACT of By-Laws, Onners, do. in force at date of this Report, relating to the SALMON FISHERESS OF IRELAND.

	Londondorry Bustriet—centicus,		Colerates Birtrist-contened.	
Think Warms. (St. Jane, 1878.)	Probleming having such for cognitive of Enhance or Treath to a re-hour lay bond, only, at each regist has done, at each regist to the Triat Waters of and checken, which have been a received to the conduct to the cond	Upper of Finals Water perfusion of Fictors In Bit- triat. (Stel Ster., 1878.)	Probablists in here in promotion for the primes of thiskip Park, we will the limits to the limit Path, beat on surject and specific parts of the Path Path Path Path Path Path Path Path	
Brem te Du-	Pacifiting having in presenter for the purpose of taking Fish, or with the intest to take Fish, increase reactes and some,		to angling he dalmen inpuly with reduced lines.	
(kri Dec., 1878.)	at my neutre of the year, on or near the hardword the Degrees of Prices Union portions of my Hivers or Longlas which the main Floride, monosol in the Committee of Years December, and Londonlers, which comprise the time where pertons of all flores and their trimuments firely, best the see along the near between Weighboard in the Cornel-	Lough Nough (2006 Dec., 1823.)	Pythriding halon are Not for the myture of fadorse, Tyrac, or Police, in or or hand \$47 her, out, or owned, is Longh Hengh, to add theader, one around the theare for fadorse, Treet, and Police, is and Leegh Hengh.	
	of Decoupt, and the Tevrshoot Benedary- between the Translands of Decompany, and Devashill in the Convey of Lendescape, any Span, Lerica, Enthaland, or Unif Groups a Unif far-this purpose of heing and origing an anything to angling for Salmon ingulty with raid and larsh.	Such Mires, (18th Pale, Sett.)	Bullymantis District.  Especing Defection of Both Since Estany as Sind by the last Special Communications on Sth.  Feb., 1884.	
			Demfallt Bietriet.	
Whata Didriet, (Ziet Sept., 1980.)	Pythibidae to annish or alternat to maish or find hash Saham in my tital or fresh maior is the smit Landenderry Harsin, work my hird of 6th hash or sendingane at fish hash, present in part or in while with any	Stood and Said lague Point, (Stok April, 1873)	Problibbing to swith or altempt to much findness or Treat with any Nos of gentler length than 500 keeps so this part of the Sea Count stituted between Chapter Head and Badagun Poles, in the County of Lensis.	
	matter or thing, or unsteamed, and whather used with a red and has so schereius,	Titled Waters, 1973.)	Dennis Pelecual bolder's Print, is the County Lends, with a Fauer, Lyster, Ories, Buckshaef,	
	Coloraine District.		be used solder to need flags to uneffect with East	
Leach Meigh (20th Path, 1867.)	Problining the use of Dealt Note for the espicer of Police.		and Line, or for sevening this hork any legal Webr or Best by the Owner or Decupose themset.	
Lunch Hengh, (Titk April, 1983.)	Permitting Polion to be token by Transmal or But Kita compound of Thread or Yarn of a fine teatron, ear from that two hands to the presen- tion that may be to the token and a two posters that non-med one quantum landous fines into our but two posters in the land, and token posters that non-med one quantum landous fines know to have.	Tidal Waters, (17th April, 1818.)	Prohibition the exhibitor or interrupting in eathy believes in any Third water in that juris of the Darbot in Street in the Part of the Darbot. Street in the Burker in th	
Whole District, (13th Dat. 1870.)	Probibling matching or alterpring to match Salmon in any of the tidal or fresh waters of District.			
(miner me)	District.		Brngbede Bistries.	
		Bine Beyns Total Waters	First Freblidding and of Doub Hota of greater bragth than above free parts.	

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(100 Dec, 1878.)

26, 17,

TABLE showing the CLOSE SEASONS for SALMON and TROUT in the different

No. and Name of District.	Seculary of Biolon.	Tital.
l, Dellie,	Sharrisa to Waltlem.	Batrees Herth and Dalley Likes4, between 16th August and he Pal- resty. Between Dalley Bired and Walshor Reed, between Shirle Superable and int. Agric. For resembles of District, buyeau 156 Superables and 4th March.
s. Weshel, {	Wicklew to Kiln Esy, East of Banacov Boy.	Between 15th September and 25th April, name in Street Stoney, which is between 15th September and 11th April.
Z. Vaterford,	Nits Boy to Halvick Hood.	Between 1841 August and 1st Falorony.
4. Messers,	Helvick Head to Bullycotton,	. Slat Fely and lat February.
8, Col	Sultycotton Head to Onlay Head.	From Ralipotion to Borry's Head, Incores: 35th Angust and Let Reise, sty; and, From Barry's Bend to Wolley Bond Jones in Render an Anguiser Sizeres, Letters 16th Angustan Eldis February; for Handes borross: 15th Angust and Int Harsh; and for Angulana, between 15th Angust and its March.
P, Skitheren, s	Galley Head to Minus Head.	Between 38th September and Int. Map.
O'l Dantry	Nine Heal to Crew Heat,	" 20th September and let May.
O'Escent, .	Crow Here's to Lamb Heed.	15th Stylamber and list April.
Z. Killsoney, 2.	Land: Head to Dunners Heat, Inchalog.	Debree Stevens Des and Corden Nick, schooling Jr. Belle Stevens Stevens and Corden Nick, schooling Jr. Belle Stevens and Stevens Andread Stevens A
it Linetit, .	Description to Even Wash.	Delivery, Fig. July and 100 Delevery, pure Barres Caphen and Deliger and Indexes Limp Bartle and High Hand, and it Hissen removes for the Caphen and High Hand, and it Hissen removal for Fig. How Codes (sieve to 20 Medics) and Telluration, between High Fig. How Codes (sieve to 20 Medics) and Telluration, between High Packages High, Section (30 A) and all Delivers Codes (sieve High Hand). Packages High, Section (30 A) and all Delivers Codes (sieve High Hand). Packages Lings, Medical (20 Medics), and all Dissen Codes (sieve High Hand). Delivers Lings High Codes (10 Medics), and all Delivers Codes (sieve High Hand). Delivers Lings High Codes (10 Medics), and all Delivers (10 Medics).

No. 19.

Su.	Paul Wets.	Anglisq with from Lines.	Angling with Engle Sod and Line.	Date of had skeage	Principal Reverbs Harrier.
1	(Some as Tolol, arm between The livy 2 dansid and Window Head, with it between 15th August and list April, with the exception of the Brey Kirse, which is between the 50th September and the list April following.	Some as fee Note in Fresh Weter.	Science Slot Oct, and let day of Feb., now Jerndresslew Wester and Ward Hyers, between 14th Oct, and 1st Keb.		
2	Zateson 15th Sept. and 19th April, sure the Stoner Sheary and Tributaries, which is be- tween 15th Sept. & Lift April.	} * {	Between 18th Sopt and 18th Man, were Room Sharey and Tribatories, informs But August and 18th Fabruary.	(200 Dec. 1873) Said Oct. 1891. 1921 Dec. 1990 Sd. Feb. 1894.	2. Storey, Courton, Judy, Urrin, Reco.
3	Stone as Tital.	n {	Setween Shir Sept. and Sat Falt., nave Morrison and Tellutation, between 18th Oct. and let Fish.	101k Mar. 1614. 15th Feb. 1863.	3. Sele, Fron, an Burren.
	Same to Trivi.	de.	Detwora 30th Sept, and let Feb.	Ed. Dec. 1891.	4. Blickwater.
	Sume sa Vidal,		Press Bullycottes to Barry's Bend, between Edit Oct and lat Fab, and from Energy Blend in Galacy I Bend, between 12th Oct, and J 15th Fab, neve in the Argolium Kerry, which is between the Bret Oct, and 15th Fab.	20th Dec. 1875, 14th Dec. 1875, 9th April, 1885.	Argines.
	Sure as Tidal.	de.	Between Stat Qut. and let Falt.	15th June, 1880.	6. Day.
	Some on Yolks.	dn.	Setwoon 21st Oct. and 17th Mar.	250 An., 1073,	P. Girage Ife, Source, &x.
0	Same or Tidal.	da.	Detrem She Ors, and let April.	70 Fo. 108. 140 Ser. 1092	65. Mackwater, Broghty, Goonar Seven.
7	Stances Tibil.	da	toter and its February.  Bersons Caphine Friest, that Reight First, and andmenting all Labra and Street and force Tellanders Reining State and force Tellanders Reining State that one in these them, theretee 11th Information and Der. James 10th Information and Der. James 10th Information of Der. James 10th Information States House, and only banking all Indivine all Berson and their Tellanders favoring into the park information patient. In telliness you have seen them patient. In telliness	Tra Sept. 2000, 20th Nov., 1995, 3rd Jun., 1894.	T. Bany, Barkeley Contact, Val. Contact, Reman, Catta, Reman, Lemma, Cattagh.
	Sum as Blick*	do.	Similar and in Polescope.  Similar and Sim	12th Oct. 1874. 15th Supt. 1578. 25th Aug. 1877. 15th Aug. 1875. 18th Aug. 1875. 18th Aug. 1875. 18th Aug. 1875. 18th Aug. 1875. 18th Aug. 1875.	R. Shone in, Donk Fregor, Device beg Cvides, Magne, do,

Table showing the Cross Stancow for Salmow and Thour in the different

· APPENDIX

No. and Name at Eighties.	Boundary of District.	Titol.
P. Gárey, .	Hag's Head to Sea Point of Brenchery be- tween Tavalants of Koremangaric Section and Barnaphan Boath, S.E. of Cashin Count Gentl Station.	Between 16th August and 1st February, same in Curch or Onlowy, which is between 18st August and 10th February.
Sf. Consensit.	San Priet of Beyedney between Trumbands of Knownesspeck forth and Entrugbleam South, & E. of Costin Cunst Guard Star San to Styre Head.	Between 18th August soul let Poissons.
OP. Ballackill,	Ejra Had to Pigeos Polst.	Berreen the She August and 18th Polemary, nove in Lenisburgh and Contentrality Element of Relaxion.  For Lenisburgh and Contentality Street and Estatrion, between 10th of Deplements and 10st July.
H.Bage, .	Pigure Print to Dorses Mani.	Bayroon Jist August and 15th Palestory, on a le Newport and Ginnamay, Burdshooks and Ormopere Revan and Elements.  For Mangoot Vicerus d'Atiney, Jist August and 19th Marsh; Ginnamay, Burrand Edway, Johnstonton and 1st Nay   Burral into an Own- gores libre and Elements, 16th August and 16th Palestory.
Il Ballion, .	Buswes to Occument,	Between 13th August and 16th March, nava Polesteins and Haship Henry, which behavious disk despite and 3st June.
22. Milgo, .	Consumes to Helinghmore.	18th August and 4th February, new in the Tifal Weisen, Sign Street and lan Straupy, which is between 18th July and lie Jaconey, and new in the Uniformities Street and its risingsy which is between 18th Replantice and 6th Sharth, Veltaring,
13. Ballysbannen,	Malinghaness to Berne.	<ul> <li>19th August and 1st March, mrs River Educated Telestrates and Eliterry, which is between 17th Representer as 6 let April.</li> </ul>
	Become to Malin Hond.	Hith Argust and 6 of Fain, Ing Third, now Comes or Descrime and Universities 2 Proc. Provincings Eng., and Oreston and Eng. Sept. Se
ili Lendendarry,	Malin to Downhill Broadary.	Batmens Stat August and 15th April.
MA Calendan,	Devald Busslay to Futush.	n If th Aspectant 6th February.
lf. Zaliysasia,	Pertroph to Dunsglanden.	p. 19th August and 17th March.
d'A.Deridi,	. Designation to Clephon Hand.	Berman Belinghas Pelas in Cassoy Lenth, and Donaghedon in Coming Down, servincing at Lains and Rivers and their Pelastic forway, servincing at Lains and Rivers and other Pelastic forwards and point, decisional Difference and the Section Recognition and and a seasoft of the Communication of the River Assessment by the Communication of the River Assessment of the Ri
	Clegher Head to Service.	From the Northern Burgalings of the mosts of the River Assessment in Editables Tribut, and submitting all Lakes and Florars and Tributioness Revision Into the same between mind polony, between 2016 Engineering and for May Editedings.  Buttern 6th Assess and 15th Poloners.

r.	Fresh Wester.	Angling with Core Lines.	Angling with Hingle Red and Lies.	Date of last change.	Principal Rivers in Merica Fig.
	Sumo au Thfal.	Sume as for Note in Posts Wester	Berrom lith fiet, and let Pith, serving and Grandig, when is let- pense like let, and tel Pith, said, area Organization and Tellestein, which is between 20th lags, and let Pith.	28th Day, 1873, 28vd Cast, 1876, 28th Aug., 1876, 10th July, 1879, 57th Jun., 1807.	Si, Osreb, Spicitio, Crundia, Ougkorwel, de.
9	Store as Tidel.	60.	Between 19th Out and lot Fair, most Dushishi, Cashin, Ralliandriesh, Strack, and large, which is belowed Mg Out, and let Feb.	25th Dec. 1871, 17th Sept. 1877, 20th Aug. 1820.	Of Cashle, Danish Street, Ballia, Break, Ballian Street, Gorda
30	Some as Tidel.		Between 3 Int Oct. and Int Ful., seve in Carrownisky Ergan-ba- tween 2 Int Oct. and Int July, and seve Leafaborgh Kover and Tri- better, in present 31st Oct. and Int June.	lat June, 1872. 20th Dec. 1880.	III. Heiff, Dan- nin, Laredorph Dervenisky.
30	Some as Tital.	۵.	Int Jaco States and lot New own in Communication States and Color States a	lat Jess, 1902. Dh Ger, 1973. Sh Day, 1976. De,	(18, Newport, Owacanax, Burtihada, Owacanay, Girnaney, Zallymay,
1	Science Flat July and Lat Pol., nova Polymerican and Ending Street, which is between flat August and let June.	da.	Belongs Helt Beyl and Jai Felt, was Chrospharen or Fulneryen: River and Zeltention which is the Gold- between 20th Oct. and he had (upper, between 24 of the and in Junes, and strue Endrey Serve and Zeltenty, which is between 11st Oct. and in the No.	19th Dec., 1800, 10th July, 1977, 25th Fee. 6861.	II. Nog, Enker Gustaglassen.
10	Salveon IBG Aspert and 6th Polycopy, new Rigo. Even, which is between II of Even, which is between II of Even, and IBG Jaminey, and save is Ballondare Kreen, which is however I'de Sectioning and 4th March following.	<b>6</b> .	office and Great was great with Einer and Greater Lab- latowes 19th Ox; and in Frit, and in Deage News Services 21st Ga- and Jer Pair, and new also in the field point of the Billy are Georgea Einer, which is become 19th July	21th April, 1871, 27th Sept., 1877, 30th Jun., 1865, 17th Oct., 1865, 8th June, 1853,	31 Nigo, Bellion day, Dyscoliffs.
13	Same on Tidal, on a Bundrawas, which to between Site July and Int February.		Between Sth Oat and let Kneek, none Seminst, Benderson, and Erns Rivers, and Technicales; Danderf River, 38th Sept, and let Feb., Banderwee, 38th Sept, and 1st Sub, shill Keen Silver, 20th Sept, and bet March.	34th Nov., 1873. 200 Jane, 1873. 3rd Dec., 1984, 8 lat Oct., 1881.	[13, 60m, Javer, Rain, Feaduff Raningues, Scen.
16	Conn or Evansien Store, Leanth and Ownherry Edvan, more as Thin for them. Evens and the Store of		Enteres let Nev, and let File, more in Omna se Escontin, les- tures 21st Oct. and 1er Norch, and Ownstate and Ownstater Street, between 20th last, and In April.	No. Rept. 1837, 19th Pals. 1874, 19th Nav. 1872 1st Mer. 1872, No. Aug., 1883, 19th Aug., 1888,	14. Lennon, Gusselen. Gusselann, Eusenan,
y	One of a share the therap will be said remainder, because 20th August and 4th February. Same as Tidal.		Estraces 10th Oct. and lat Ayel, ] more in the Colded, which is between 18th Oct. and let 10th.  Butween 19th Oct. and 10th Max., gara filters Euss. Makes, Strands-	27th Jun. 1802. 10th July, 1877. Nath Dec. 1000 10th April, 1890. 13th Dec. 1896.	35. Feple, Ross.
,	Setware 15th Ang. and lat Mer.	da.	between North and Helbsterry, between Not Oct. and let Mar.	31st Mar. 1871. 22nd Aug. 1873. 1846 Jun. 1876.	Hr. Sees
16	Same as Tidal.	4.	Secres Six Oct. and Jet Fab. 3 mrs in the State Street, which is between 16th Sept. and let Fab. 3	23et July, 1890.	Giosen, Bul- Giosen, Bul- Gioses
17	Normen Rabeles Prick is been found from the price of the country from materials of the country from the price of the country from the price of the country from the price of the country from the further price of the country from the further price of the country from the further of the country for	4.	In the Tigger or John Yuster Street, Park Types of The Control of	500. Oct. 1830. 150. Tec., 1985. 150. Nov., 1892.	(170, Pain, Aven- genes, Style, Das,

		4.
G Si	mi	des
E	agi	E 16

110

Ba.	Thee.	Name of Person to whote Certificate granted.	Dale of Orridinate.	Huma of Fernan to whom Certificals unculared.	Date of Travelor.
68	Haver May	Enry Arms Little and Andrew Chelse.	2 May, 187 S.	Thomasin Little, Beremed Thomas American, Bob. Alemain Tayur, Esbert Nilyon Canton, Joke	15 Mirely 1841
e	trend	I. W. Stendard,	16 May, 1673.	Discher, John Malecolm, John Wing- gold Malecolm, And Protects	90 April, 1864,
85 920 2	Sen of read, or. Mayo, Sen of court, or. Sign, Sen of or. Askin,	William Livin,	i Jone, 1875. Is May, 1879 . I September, 1888,	Hilven Cheler, John Unite, Jahn Majorden, John Wing- feld Majorden, and Protects Edward Grain, Thornories Little, Desc.	20 Acres 1884, 24 April 1885,
*****	2014,	Ditte, for E. Miscanghilon, Barl of Astron, L.C. Andrews, District,	Effic	S. M. Desgles, Margaset II MII,	18th June, 2005, 2 June, 2005, 2 4 June, 2005,
21232	Cursiensk Bay, Off coast, on Astrino, Even, Dorn, Enllycoatte Eay,	Not of Artyrin. Nor E. W. Mannaghton, burk, Earlie, Ser E. H. Royd, bark,	February, 1870, 180cy, 1870, 2010, 2010, 2010,	Sir Practic Marringhion, Dirro, Dirio,	16 Jamesoy, 2001 2013a, 2015a,
11	Sea off Creat, en Ambrica, Disto.	John Pinks,	11 May, 1993,	Euch MColmon MCC- duracy.	16 Zannary, 100
73 74 76	Dol Der. Sea of lossi, co. Andrim,	E. E. KNOCK.	Ditta,	=	Ξ
84 17 100	201A	J. N. Louise, Start of America, Dona Black,	Disse.	Elizabeth Penelopo M'Don-	10th Fenn, 1808,
134 117 118	Bena, : :	John Fleist, Supert Woodeste, Statest Gregg,	9 July, 1873. 10 July, 1875. 18 March, 1884.	June Prayer Mackinson,	16 May, 1968,
12 St. 12	Dilto, Diver Bran, Sea off control of Stee, Sea off court, on Jeungal, Jerus Jary, Sea off court, on Descript, Jerus Lives, Jerus Lives	Enbert A. Taylor and William Woodsin, it lies of No. 85. Alrica Nord. U Siam Compar Temple. E. O. Elways Servaria, William Hackell, Marquis Convenion.	50 July, 1975. 50 Junuary, 1976. 5 May, 1976. 15 May, 1976. 17 May, 1976.	J.P. Maddesen.  H. J. Moore and others, Det. A. E. M. Ashley,	16 May, 18th, 20 October, 18th State, 2 Normather, 18
NO SE	Ownerson and Enligerer	Alexander Sector,	T Prior capy, MFL, 6 May, 1995, 18 May, 1995, 18 May, 1995,	Obselve Orlängher	6 Zuby, 1907,
111 111	Dille, . Expe,	Bir F. A. Knox Gore,	2 1 May, 1875.	Alexander Hoster,	16 April, 188, 24 October, 188
136	Owermore and Religerey Brown.	T.F. A and B. Miler,	m Angusi, luks,	Charles and Pater L. Potric.	11 Meg. 1886. 20 Inchary, 1896
116 116 204	Resident on Mayo, Train, Drain	Crasson Ashill Elizator. C. S. S. Dicker.	1 743y, 1879, . Dr.Sa. 13 Decomptor, 1875, .	Alexander Boston	14 April, 1896. 11 May, 2006.
12	Non off on Landonderry Dean Miner.	Reserv O'No.65. The Link Secrety,	H Approx. 18th, H Telephory, 18th,	=	=
104	Secolore, Na. 121 in Ballye Sec off room, on Lindon days.		27.74(y, 1961,	-	-
100	derry. Einsteich ker. Cirik Harbeau, Dilla. Tilla. Sen of co. Lords.	Nurveil Bodder, Springer Francis, John Chrism Rozzett, Jillo, Str Atta E. Bellinghers,	e Marvis, 1961, 95 Replantitor, 1970, 96 Discription, 1874, 97 Marcia, 1994, 88 Cirtition, 1984,	W. M. Hodder, Savage French,	20 April, 1909. 27 Josephey, 1809. 26 January, 1901
10	Tres.	For alea E. Feldingham,	Se Constant, 186s,	tir Berry Bellinghers, .	25 January, 1911
111 117	Economic Piros,	C. E. Servery, F. E. Startery, F. G. Stand	10 July, 1875, 16 January, 1666, 88 January, 1660,	Jane Scykin Nowcomen, . Jenne Trankin Bland, .	\$6 January, 1919 20 October, 1900
11	Nive Lorenza (Extrary),	Str.3. Stewart, bert.	18 May, 1870	Junes Augustus Stawart Glegolyge over Estate).	28 January, 200
134 231	Sun off court, on Donegat, .	Charles F. Stewart,	10 Zunn, 1875,	CHOOSE STOR AMERICA	-
	Materialy of Green or Cartin	Alexander A. Richardson, .	# October, 1977, .	_	# 210x 1985
54 26 20 21	Birer, Birer Steamen, Dille, Steam Sucretty, December Steam	W. E. Borrington, S. Camelarboon, Thesana Fladders, John Scott,	f November, 1888, 13 March, 1888, 11 February, 1887, 12 May, 1888,	W. M. Eletterhamoli,	E 769, 1646,
2	Drenber Hissel,	W. Starksoots		_	-
26 27	Statement Say	W. Stanfrancia, W. Libara Coveragh Hildele, Onlocal G. M. Vandaleur, Lett Annaly,	B Tel-ruary, lave, Date,	Ξ	Ξ
10	Dialo, , , ,	Zille,	Zetta,	-	-
27	Z0110,	Tritie,	Telle,	-	-
40	Zittie, ,	R. W. C. Boores,	Ditte,	-	-
0	Zesso,	Dite,	Ditte	-	-
			700to,		

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# INSPECTORS OF IRISH FISHERIES.

No. 20.

fishing for Salmon or Trout (arranged in Districts).

111

Ma.	Digrate to which that attended.	Plant No.	Particulars of Stee, &c.	Observations.
eı	Dallana,	9 Fixed draft nels	6 tools, from 160 to 449 yards in length,	Thermay note, Mirror May,
67		E Disto,	Warls, not encoding 40 years in Sough,	Firstween dard nets.
10 200 5	Direc.	2 Roy cetts,	Leaders, 60 tuberus long each; and each bag about 7 deel wife, Leaders, each 10 feithers long 1 house, 6 inchess each, Leader, 72 partie ; bot, 20 yazda,	Kintonein bog swie. Entirone swie. Larrybeau set.
	Ditto,	Dine.	Exader, 80 yards; net, 80 yards, Lender, 616 fees, net, 61 feet, Lender, 816 feet, net, 61 feet, Lender, 816 feet, net, 61 feet, Lender, 816 feet, 61 feet, Set, 81 feet, 61 feet, Lender, 817 feet, 61 feet,	Carrick-a-mide mel. Feribraddien eel. Eers san. Fertiad sel. Destmone wol.
50 50 50 61 61	Dista,	Piere draft set,	Leader, 134 yards long ; kend, si fort long. Leader, 68 yards long, hend, 61 yards long, Leader, N. Janach long, hend, 21 yards long, Longer, 30 yards,	Carshough me. Sinciprock has not. Oinciprock has not. Oinciproceph use. Budgesselds not.
13	Dina : :	1 Deres,	Longth 8) yards. Longth, 164 yards,	Bullsteering fixed aut. Clarepark Rand set.
222	Ditta.	Ditto.	Energis, 10 yearls, Energis, 16 yearls, Energis, 10 yearls,	Ourryshmade Send not. Sed Say Ened draft not. Lapf Seed Suff not.
96 97 330	Dista.	1 Date : :	Longth, 18 yards, 180 yards long, Longth, 180 yards,	Tempinstungis nat. Plan est. Manayarat, otherwise Post vincour draft not.
116	Dista. Dista.	1 Ditte,		Conganiper set. Conta, the Denous, Skrovy Use. Lettle Evenous, Skrovy Vorinces and 1d. or Fin Facili net in Coleman the
149		1 Doubt not, .	60 yards lang,	Kinbane net.
2222222222	Ballysheanen, Date, Date	I Stake net, I There draft net, I Dete, I Tend out I nets I I Interest	Tank www. 200 year's fileds, Length, 100 year's fileds, Length, 100 year's life year's length, Length, 100 year's life year's length, Length, 100 year's life year's length, Length, 100 year's life, Length, 100 year's life	Erres wote. Moleclimers up I, Moleclimers up I, Moleclimers up I, Moleclimer up I, Incipological net. Dryantosina net. Eventosina net. Eventosina net. Eventosina net. Col net. Orryanuru nete. Vollagana nete.
111	Ditto.	E Degrects.	Loadon, at faftema long: heads, 5 fethoms long,	Coshiecks sail Decisherant Doorge acts.
115 336	Ditto, : :	Trees Deale seta	Xesdism, 40 fightoms ; bendy, 6 followin living	Slievenere pris. Dwwenks, Trenta, Tullagh selud, Tullaghanham, an Duchrema acta.
236 234 230	Design : :	Ting note.	Ecoders, so inthoms long, head, a fatheres long, Ditto. Ecoders at each, not surveiling so fatheres long; heads, a	Googers wells. Such moth. Resident and Cubestill mets.
	District	1 Sing net 4 Fixed druft note	Not, 260 yards - first pole (you obsert, 13 yards ; last do., 250 yards, Not anneoling Ser yards length,	Bullygringh and Grandugh and Bullynghese would note.
361 364	See shows, No.	4 Fixed draft nest	Two nels 140 yards, and two fitt yards long,	Exclude West Yulinghousery
26 80 170 180 18	Ditto, Ditto, Ditto, Disso,	t Teat net.	Landar, 400 fact; limpid: of moi, 29 foot, Langth, to read, 10 foot, Longth, 10 foot, grants, 10 foot, grants, 10 foot, and the point side, mai test Pick Pana south idds, 15 foot, upon at ond in circus, 41 foot, Landar, 40 foot, 10 gr, 42 foot, Landar, 40 foot, 10 gr, 42 foot, 20 foot from East puint	Enri sod West Tudaginarry edd Cresswegh son. Happbells net. Outdary net. Scraoff Court sixte ass. Eurypsers net. Costiebellingtons was.
18		l'Enguet, .	Locater, 600 race, bug, 42 fact, first pole, 800 fact from Eard point, on shore	Desghanatewn net. St. Dennir's Well unb.
115 18 28	Ditto.	I Bill:		Holk set. Elbapsim set.
er	Letterkouvy, .	# Fixed death sets,		Hern Frad nets.
218	Ditto.	1 Fixed darks sets		Gmea Reed rei.
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INSPECTORS OF TRISH PISHERIPS

Limetrie. 1 Dieko pet

Engines for fishing for Salmon or Trout, (arranged in Districts.)

No. 20-continued

Sat situated. Fixed Net. Charrentons.

The first instruction of marriage of the first of planes, amount because in the continuous marriage in Dilita, -Reno : 2486. · v. 197 feet lane : hand, we feet knee, and 18 feet a feeber Ferrac's Liberal (north) wel Dillo . Wills.
The first leader. Bill feet lang | first head 150 feet long and 1
feet with Record leader the delicary manes hand in to long and 28 fast wide.

The fact make, 10 feet long; fleet head, 25 feet long and 26 feet wide.

The fact header, 100 feet long; fleet long, accord band, 35 feet long. Delto, Titta, his Lifes season and feeder, 130 feet letter, 1 13 feet wide, 130-ent feet trees high-water mark, eagle, 121 parts. Etpadoge net. Interpret tel. Unior weir Latery weir. Poul naturne weir. ii, 130 years noon, o, 30 yearst long, or 150 verte long ; bool, 58 years long, and 8 years wide, . 1 Ditto. . Leader, 10 yards lone; keed, 7 yapds lone, Application or Religious week Dillio, . E. Welr, leader, Til yards long i bend, 27 yards Output delta metern mete. ods long; hand, if yorth long, to 120 yields, and a finals, each p' yurde long, to longth in the carbon 180 yurde, the in-longth, and No 1, 10 yurde in longth, the whole longth one according 180 yurde, the whole longth one according 180 yurde, to lang; U see, the yurde long; and R o Colmanda un veir Literateid veir Electromesco wete Kloodopo sete Cloocamus weir, No. 5, beattery island weirs. Dureng Talend weeks yards hing. \$50 yards long. 500 yards in longth from high-water mark, Para -No. 1, but youth in longth, and No. 2, 100 youth in impNo. 500 youth in makin makes stank.

100 youth beam high-makes stank.

2 binning 10 youths mobil is londers of an youth, 2 bank rail

20 youth, and 2 wongs of 40 youth mobil. Longth, 10 youth, which make youth, and 2 wongs of 40 youth mobil. Dille. Edoslpen, Lawer, tek. Longil, 480 yards, with finding leader at there and, Longil, 72 yerds, Knock ont. Digests Sestory sea. Ditto, Disto, I Bin : yards, a books, a looders, mores of 60 and 30 yards respectively , a heads of 27 years wings of 30 yards each. DMa. 1 Yeste. Linnan, 1 Rog net, . . 1 Stake set, DNA. -1 Dillo, . the Chapel Breek weis 1 Ditto. Beg set, ... Dite, ... Title, ... Pitte, ... Pittel trail rile of the to do, of Flood I fact, inner to order polis, ober, 270 fact; bug, 76 fact, zolos, Ballymackey. Lawer Middle Doughs. 1 Bog Not. Such not exceeding 188 yards langth, . Tidal water. Alten or One Dillo. a Pixed freibeel vogue Sirrer Ditto. . I Tribe. 185 yeards in Longto, . hore wire, 500 feet, channel wing, 50 feet; space between 1 Head Water The first leader, he parts long, and the second lander, she Xneckreelish wer. yards ( lond long, The first leader, she parts long; second lander, she yards ( fact.) Weofstown wein. . 1 Stake Not.

. I Ditte. . the first sector, not place any construction of the construction o . DMa . I Rog Not, . maximum in Certificate, No. 316. Total segment of certificates, 250

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### APPRIORE No. 21.

Browns the Treat and Furner Warre Borresagns of which have been defined to 31st December 1800 Nine Altigrity . . Adresia Brides 100 June. 180\_ Annels, Clare, Backelugge Bridge, between the townlands of Dough and Annugh, . . . . 27th Managhan The harmer of steam at seaward with of Lough Donnell, between the newskade of Clog-Antogoongh, Clare. 27th Navonber. The Series of Laurengaries.
The Series of Laurengaries, known so the Secondance. Enviry. 10th January. Tens . The Down Stream and of Finling Well, known as the Cutte, . . . 19th Nevember, htru The lowest Weir or Dommoni for navigation purposes, over St. Melilins, in security Ourlew 16th March. 2004 A straight fire dynam day much assum river at townload benefity between townloads of Markway, . 15th March, 18% Eugene Print of Grove Inland as Oldheidge, St. April. 3855 10h Augus, Box. . . Tear Strike, . . . 3693 20th January, Bills. . . Triber Bridge Quay, Pendender Water South-materly point of the Big Marsh in the treethead of Looin Hall, Great, . . 6th Annual Carmph, The Carried Tridge, being the bridge immediately seaward of the Salmon Weis, . 10th Jacoury, 1964 Curridon Co. Colk Confetor Edden 10th June, 1877. Continue on the West than more below the finite arrange and filters and become a fit I John's Bridge. 20th May, 1829 26th November, Design Admires Asheston Seidge. 1874 Fast Bridge above Denogal Bridge, . The Railver Relige stress and Silver, . . 160 Mag, False, . 1071, The benefiter between the Torostonia of Maryleon and Charaktel. 160 Jans. Feds, . The Kool insiding through Killaurin from the Eural leading from Lincowel on Emalescence by a lim drawn in one instantion of said Killaurin Read across Eiver. The Kindys commonsity haven, south Kew Kindys, cannot handly below the Clob Hones, at Hunis, 40 Oakles 3074 5th Anril 1854 Feepre, . . Fields, On. Water.

A straight list drawn in a weigrly director, screen river at invalent boundary between town fired.

The boundary between the Terrelated of Demarkace Gibbs and Carriot. 16th Zune. 1890, Other or Goals, Co. The Street called and brown by the name of the Goral-Gloss between the townlands of Oh October. 1875. Comment's Bridge, 10th Jane. Co. This beings arrow river known as the Little Reings near Copporate, 15th March, Glyla . . Epuck Web. 20th May. Golds, Co. WaterA straight five dozen is a mich assistly disorders across viver from a point on absorbind of 18th Mach,
from on, at the read leading to Villamoreu, to a print or the constant of Considers. Groups, Co. Water A streated to Inch. Co. Wexford, Alere Selige. Ità Nevenber, The shallow at the book of the Pool, someonly salled the Cat Pool, . . . 20th July, Lee. . . . The Wair or Dam at the Water Works of Cork knows as the Water Works Wale. 100 Arrest. Lisky, Dr. Water- The bridge across of mer known so the Ballybrosy Bridge, . . . . . . Lifey, . . . The Welr or Dans on mid stree known as the Educal Strings Welr, 15th Auren. 1866 Margon, . The British nerves physicismodically contains and papers, of the Adam Domestic. 15th Aures. Makes, Co. Know, . A straight line draws across river at right angles with its course at the houseless between the 200 July. (863 Mauligh or Dunna- Wooden bridge at Dunnamack Mill, 19th June. 1071 3105 . The free of the falls incominately below the Weige at Balling. Sea July. See, . . 1164 . The Emissiogne Stridge, . . . . . . . . . . . . 100 Maril Owner or Bally- The Bullytickey Beldge on the High Stead, . . . The Weir or Dan harva so the Curtally Mill Weir, . 1864 St April, . The Cartie Bridge near Newmatte, . . . . 1509 . Enriestry Brigs. . . . . . Let Enbourn. Sign or Gurugue, The Mill Dam stores Thronia Bridge, in town of Silge, Stave or Combala, Some Bridge, His Jess. Bult, . . . A the discrete server of the about appendix to the score appetroom port of the Cod Tabilla, On. Kerry,

The mouth of view so defined they November, HTE, by a studyfulline flavor in a next study direction assess and giver from a point on reuniand of Tabilla to a point on newscand.

On the Communication of the Communication 1815. Terring. See. Cort.
The heige known as the Terr. Mile Beidge, 1477. If a Kenk

### APPENDIX No. 22. Result of Inquiries held by the Inspectors of Irish Fisheries into the Legality or Illegality, &c., or

Fixed Nets (since last list published), to date of this Report. On the 24th October, 1863, the Special Commissioners appeinted under the Act 25 & 27 Vis., c. 114, decised on the sense October, 1605, the openine Commissioners appearant mass the Mar 2 or Y Vis., 6, 114, senses that a certain Stake Net ecceted on the Strand at Drowins in Woodstown Bay was allegal on the grounds of title and injury to rawigation. This decision was appealed against, but was efficient by the Court of Quant's Brank, on the 16th November, 1806, in so far as the higher to marigation was common by the Court or Quant's Brank, on the 16th November, 1806, in so far as the higher to marigation was conserved. A destinant of the Supernor Court on the quantion of title was not given. The not was threefore shaded. A communication was recovered from Major James Doff Coglisha, in 1803, to the effect that injury to

navigation would not now result from the erection of said Weir, and asking for an inquiry with a view to havinguines this sent for the W revisit from now executing or some west, some assume the position when deformation this point. We hadden as injustify into the transfer on the 24th March [1652] (No. 453), and have reported (on 11th Mary, 15th), to the Quonc's Bench Division of the Migh Court of Juntees, that the said Weit's freedom would not be injurious to sarrigation. On the 19th day of December, 1853, however, the Queen's Bench Division of the High Court of Justice

efued to reinstate the case for hearing, An opposi against that docision was taken but was dismissed on 11th May, 1814. APPRINTER No. 28.

Rivans, the Common Mouth of which was defined in 1893.

District.	Hunes of Mircru.	Flore Where Delead.
Shibberson,	Enventrockurs, Coolagh, Euth- rane, and Dreenakhhough.	A line aspect the Carmakneckers, where the Find an Silbberress Light Entroy and Trumway Bridge crosses the River

APPENDER No. 24.

### RETURNS OF FISH CARRIED BY RAILWAY AND STEAMSHIP · COMPANIES Returns of Salmon and Trout conveyed over the following Railways during 1893.

ODEAT NORTHERN CIRCLANDS RAILWAY COMPANY

Debits, E.s.sh, E.s.shop,	Beaut	See-	Tros				Prime Plate Charter Pick (Sectional or of Machinel and Borrings).		Machinel, Police, sell Fels.			Ecoriogs.		
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### DUNDALE, NEWRY, AND GREENCRE RAILWAY.

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Quidaglisel,	Disk Stations,	2	7.	-25	- 18	1,360 1,360 1,360	72	23 14 13

The weights shown include that of perioque. \* Travel Fish, which includes a let of prime Pich.

# BELFAST AND NORTHERN COUNTIES RAILWAY.

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Performing the state of the sta	Enwireston, An. Vanctions, de.  Solution London, de.  Solution Sol	107 120 140 140 100 100 100	1	100 100 100 100 100 100 100 100 100 100	*	ľ	- d - H	in 13	2 2	1 1 mm in 12	1
Vactors Flathers	Billion,	104		- 16	- 11			- 11	190	_10	+

### shove includes weight of house and ice. . \* Includes Pollon and Esta.

### BELFAST AND COUNTY DOWN RAILWAY.

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## BALLYCASTLE BAILWAY COMPANY.

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# INSPECTORS OF IRISH FISHERIES.

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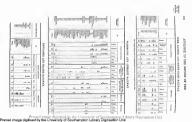
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# LIMERICK, CASTLECONNELL, AND KILLALOE RAILWAY.

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## WATERFORD AND CENTRAL IRELAND BATCHERY.

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# KILKENNY JUNGTON BAILWAY.

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# TRALES AND FENIT RAILWAY.

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WATERFORD, DUNGARYAN, AND LISMORE RAILWAY.

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### RETURNS OF POLLEN

# Conveyed by the following Railway Companies during the year 1893. GREAT NORTHERN BAILWAY.

							Boxes,	Total.	Owis.	Que	In.
Service Sor.	1	1	}	Particulars as Increased.	4	{	ie 60 10	1	ï	)	R
				Total,	٠	4		218	4	_	66

## GREAT NORTHERN BAILWAY (ANYHOM JUNCTION).

From													
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# BELVAST AND NORTHERN COUNTIES BAILWAY.

# men when the tree

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### RETURNS OF FISH Conveyed by the following Steam Packet Companies to the following Ports in England.

during the year ended 31st December, 1893 :--BARROW STRAM NAVIGATION COMPANY.

			_						١.		hat For		- 0	Other Fish broot at the	la)
	loe ()			Fre		hat pl	ione.			3 W.	nas ros	ros.	Tons.	Dets.	Qes.
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### DROGHEDA STRAM PACKET COMPANY.

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### LARNE AND STRANGARER BOYAL MAIL STRANSHIP COMPANY.

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		Trul	308	16	-	- 11	

### LONDON AND NORTH-WESTERN BAILWAY, six GREENORE AND HOLYHRAD.

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	ı			Tros.	Date.	Qrs.	7154	Own.	Qrs.	Trem.	Oets.	7166	Owis.	Q%
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	1	Tess.		71		- 8		7	7		33	445	15	Ŀ

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# LONDON AND NORTH-WESTERN BAILWAY, via DUBLIN AND HOLYHEAD.

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### DUBLIN, GLASGOW, AND GREENOCK STEAMSHIP COMPANY.

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	_	47-7		 and the same	t Der 30	anches.	or and L	cedes.			

### LIMERICK STEAMSHIP COMPANY.

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3	danii ,		From what ;	passes.	10	ran zo		2014	Outs.	Que
Justery, April, Mar. June, Angust, Supplement, Orlotter, Determine,	-	1	 S.W. Cheed, Delical Str., Str.	4	 Horpesia Gdd ddd a S	Total .	 ********	151 67 143 161 161	18 - 18 - 15 - 15 - 15 - 15 - 15 - 15 -	

# DUNDALK AND NEWRY STEAM PACKET COMPANY.

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### CLYDE SHIPPING COMPANY (WATERFORD)

Month.			Freez v	rkes	place	To what Po	orts.		Subs	The are	Prime Fish (set haloest and Trees.)		
						1			7001.	Cwts	Qns.	Dets	Qes.
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Neglamber		-	do.			Trivit,		-	19	- 10		- 4	

### WATERFORD STEAMSHIP COMPANY.

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Waterteel, Do.,	:	:	:	Bristol, Liverpool, : Total,	:		# e	15 20	- 1	:	906	13	11	12	· to	-



